

# JVC

## SERVICE MANUAL

REAR PROJECTION TELEVISION

**HD-61Z786,  
HD-61Z886,  
HD-70G886**

BASIC CHASSIS

RP3



[HD-70G886]

**HD-ILA™**  
Powered by D-ILA

**D.I.S.T.**  
Digital Image Scaling Technology

**BBE**

**HDMI™**  
HIGH-DEFINITION MULTIMEDIA INTERFACE

**i HDTV**

**DCR** **DOLBY DIGITAL**

### TABLE OF CONTENTS

|   |                                    |      |
|---|------------------------------------|------|
| 1 | PRECAUTION.....                    | 1-3  |
| 2 | SPECIFIC SERVICE INSTRUCTIONS..... | 1-7  |
| 3 | DISASSEMBLY .....                  | 1-11 |
| 4 | ADJUSTMENT .....                   | 1-24 |
| 5 | TROUBLESHOOTING .....              | 1-34 |

# SPECIFICATION

| Items                                               |                                                                                                                         | Contents                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                          |
|-----------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------|
|                                                     |                                                                                                                         | HD-61Z786<br>HD-61Z886                                                                                                                                                                                                                                                                                                                                                                                                                         | HD-70G886                                                |
| Dimensions ( W × H × D )                            |                                                                                                                         | 145.6cm × 104.2cm × 47cm (57-3/8" × 41-1/8" × 18-5/8")                                                                                                                                                                                                                                                                                                                                                                                         | 162.6cm × 116.5cm × 51.9cm (64-1/8" × 45-7/8" × 20-1/2") |
| Mass                                                |                                                                                                                         | 46.5 kg (103 lbs)                                                                                                                                                                                                                                                                                                                                                                                                                              | 72 kg (159 lbs)                                          |
| TV RF System (Analog / Digital)                     | Analog<br>Digital                                                                                                       | CCIR (M)<br>ATSC terrestrial / Digital cable                                                                                                                                                                                                                                                                                                                                                                                                   |                                                          |
| Color System (Analog)                               |                                                                                                                         | NTSC                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                          |
| Stereo System (Analog)                              |                                                                                                                         | BTSC (Multi Channel Sound)                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                          |
| Teletext System (Analog)                            |                                                                                                                         | Closed caption (T1-T4 / CC1-CC4)                                                                                                                                                                                                                                                                                                                                                                                                               |                                                          |
| TV Receiving Channels and Frequency (Analog)        | VHF Low<br>VHF High<br>UHF<br>CATV                                                                                      | 02ch - 06ch : 54MHz - 88MHz<br>07ch - 13ch : 174MHz - 216MHz<br>14ch - 69ch : 470MHz - 806MHz<br>54MHz - 804MHz<br>Low Band : 02 - 06<br>High Band : 07 - 13<br>Mid Band : 14 - 22<br>Super Band : 23 - 36<br>Hyper Band : 37 - 64<br>Ultra Band : 65 - 94, 100 - 135<br>Sub Mid Band : 01, 96 - 99                                                                                                                                            |                                                          |
| TV / CATV Total Channel                             |                                                                                                                         | 191 Channels                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                          |
| Intermediate Frequency (Analog)                     | Video IF<br>Sound IF                                                                                                    | 45.75 MHz<br>41.25 MHz (4.5MHz)                                                                                                                                                                                                                                                                                                                                                                                                                |                                                          |
| Color Sub Carrier Frequency (Analog)                |                                                                                                                         | 3.58 MHz                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                          |
| Power Input                                         |                                                                                                                         | AC120V, 60Hz                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                          |
| Power Consumption                                   |                                                                                                                         | 215W                                                                                                                                                                                                                                                                                                                                                                                                                                           | 220W                                                     |
| Projection Source                                   |                                                                                                                         | 110W High-pressure mercury lamp                                                                                                                                                                                                                                                                                                                                                                                                                |                                                          |
| Projection Device                                   |                                                                                                                         | D-ILA device (Reflection active matrix type LCD) × 3 (R/G/B)                                                                                                                                                                                                                                                                                                                                                                                   |                                                          |
| Screen Size                                         |                                                                                                                         | Diagonal : 155 cm (H:135.0 cm × V : 76.0 cm)                                                                                                                                                                                                                                                                                                                                                                                                   | Diagonal : 178 cm (H:155.5 cm × V : 87.2 cm)             |
| Display Pixels                                      |                                                                                                                         | Horizontal : 1312 pixels × Vertical : 800 pixels (Effective=Horizontal :1280 pixels x Vertical :720 pixels)                                                                                                                                                                                                                                                                                                                                    |                                                          |
| Audio Power Output                                  |                                                                                                                         | 10W + 10W                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                          |
| Speaker                                             |                                                                                                                         | 10cm round type × 2 (Oblique corn)                                                                                                                                                                                                                                                                                                                                                                                                             |                                                          |
| Antenna Terminal (VHF/UHF, ATSC / DIGITAL CABLE IN) |                                                                                                                         | F-type connector, 75Ω unbalanced, coaxial × 2                                                                                                                                                                                                                                                                                                                                                                                                  |                                                          |
| Video / Audio Input<br>[INPUT-1/2/3/4]              | Component Video<br>[INPUT-1/2]<br>1125i / 750p<br><br>525p / 525i<br><br>S-Video<br>[INPUT-1/3/4]<br><br>Video<br>Audio | RCA pin jack × 6<br>Y : 1V (p-p) (Sync signal: 0.35V(p-p), 3-value sync.), 75 Ω<br>Pb/Pr : ±0.35V(p-p), 75 Ω<br>Y : 1V (p-p), positive (Negative sync provided), 75 Ω<br>Pb/Pr : 0.7V(p-p), 75 Ω<br>Mini-DIN 4 pin × 3<br>Y: 1V (p-p), positive (Negative sync provided), 75 Ω<br>C: 0.286V (p-p) (Burst signal), 75 Ω<br>1V (p-p), positive (Negative sync provided), 75 Ω, RCA pin jack × 4<br>500mV (rms), high impedance, RCA pin jack × 8 |                                                          |
| Digital Input                                       | Video<br><br>Audio                                                                                                      | HDMI connector × 1<br>(Digital-input terminal is not compatible with picture signals of computer signal)<br>Digital: HDMI connector × 1<br>Analog: 500mV(rms) (-4dBs), high impedance, RCA pin jack × 2                                                                                                                                                                                                                                        |                                                          |
| Audio Output                                        |                                                                                                                         | RCA pin jack × 2<br>More than 0 to 1000mV (rms) (+2.2dBs)<br>500mV(rms), (-4dBs), low impedance (400Hz when modulated 100%)                                                                                                                                                                                                                                                                                                                    |                                                          |
| Monitor / Recording Output                          | S-Video<br><br>Video<br>Audio                                                                                           | Mini-DIN 4pin × 1<br>Y: 1V (p-p), 75Ω<br>C: 0.286V(p-p) (burst signal), 75Ω<br>1V (p-p), 75Ω, RCA pin jack × 1<br>250mV(rms) (-10dBs), Fs-18dB low impedance, RCA pin jack × 2                                                                                                                                                                                                                                                                 |                                                          |
| PC (RGB) Input                                      |                                                                                                                         | D-sub 15pin × 1<br>R/G/B : 0.7V (p-p), 75Ω<br>HD / VD : 1V (p-p) to 5V (p-p), high impedance<br>< Available signal ><br>VGA : 640 pixels × 480 pixels (Horizontal : 31.5kHz / Vertical : 60Hz)<br>XGA : 1024 pixels × 768 pixels (Horizontal : 48.4kHz / Vertical : 60Hz)                                                                                                                                                                      |                                                          |
| iLink Input/Output                                  |                                                                                                                         | TS In/Out (4-pin, S400) × 2, IEEE1394 compliant DTCIP digital copy protection compatible                                                                                                                                                                                                                                                                                                                                                       |                                                          |
| Center Channel Input                                |                                                                                                                         | 500mV(rms) (-4dBs), high impedance, RCA pin jack × 1                                                                                                                                                                                                                                                                                                                                                                                           |                                                          |
| Sub Woofer Output                                   |                                                                                                                         | More than 0 to 1000mV (rms) (+2.2dBs), low impedance (80Hz when modulated 100%), RCA pin jack × 1                                                                                                                                                                                                                                                                                                                                              |                                                          |
| Digital Audio Optical Output                        |                                                                                                                         | Digital SPDIF × 1                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                          |
| AV COMPULINK III                                    |                                                                                                                         | 3.5mm mini jack × 1                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                          |
| Remote Control Unit                                 |                                                                                                                         | RM-C14G (AA/R6 / UM-3 battery × 2)                                                                                                                                                                                                                                                                                                                                                                                                             |                                                          |

Design & specifications are subject to change without notice.



# SECTION 1

## PRECAUTION

### 1.1 SAFETY PRECAUTIONS

- (1) The design of this product contains special hardware, many circuits and components specially for safety purposes. For continued protection, no changes should be made to the original design unless authorized in writing by the manufacturer. Replacement parts must be identical to those used in the original circuits. Service should be performed by qualified personnel only.
- (2) Alterations of the design or circuitry of the products should not be made. Any design alterations or additions will void the manufacturer's warranty and will further relieve the manufacturer of responsibility for personal injury or property damage resulting therefrom.
- (3) Many electrical and mechanical parts in the products have special safety-related characteristics. These characteristics are often not evident from visual inspection nor can the protection afforded by them necessarily be obtained by using replacement components rated for higher voltage, wattage, etc. Replacement parts which have these special safety characteristics are identified in the parts list of Service manual. **Electrical components having such features are identified by shading on the schematics and by (  $\Delta$  ) on the parts list in Service manual.** The use of a substitute replacement which does not have the same safety characteristics as the recommended replacement part shown in the parts list of Service manual may cause shock, fire, or other hazards.
- (4) **Don't short between the LIVE side ground and ISOLATED (NEUTRAL) side ground or EARTH side ground when repairing.**  
Some model's power circuit is partly different in the GND. The difference of the GND is shown by the LIVE : (  $\perp$  ) side GND, the ISOLATED (NEUTRAL) : (  $\equiv$  ) side GND and EARTH : (  $\oplus$  ) side GND.  
Don't short between the LIVE side GND and ISOLATED (NEUTRAL) side GND or EARTH side GND and never measure the LIVE side GND and ISOLATED (NEUTRAL) side GND or EARTH side GND at the same time with a measuring apparatus (oscilloscope etc.). If above note will not be kept, a fuse or any parts will be broken.
- (5) If any repair has been made to the chassis, it is recommended that the PDP POWER SUPPLY setting should be checked or adjusted.
- (6) The high voltage applied to the PDP must conform with that specified in Service manual. Excessive high voltage can cause an increase in arcing and possible component damage, therefore operation under excessive high voltage conditions should be kept to a minimum, or should be prevented. If severe arcing occurs, remove the AC power immediately and determine the cause by visual inspection (incorrect installation, cracked or melted high voltage harness, poor soldering, etc.). To maintain the proper components in the circuitry including the PDP must be the exact replacements or alternatives approved by the manufacturer of the complete product.
- (7) Do not check high voltage by drawing an arc. Use a high voltage meter or a high voltage probe with a VTVM. Discharge the picture tube before attempting meter connection, by connecting a clip lead to the ground frame and connecting the other end of the lead through a 10k $\Omega$  2W resistor to the anode button.
- (8) When service is required, observe the original lead dress. Extra precaution should be given to assure correct lead

dress in the high voltage circuit area. Where a short circuit has occurred, those components that indicate evidence of overheating should be replaced. Always use the manufacturer's replacement components.

#### (9) Isolation Check (Safety for Electrical Shock Hazard)

After re-assembling the product, always perform an isolation check on the exposed metal parts of the cabinet (antenna terminals, video/audio input and output terminals, Control knobs, metal cabinet, screw heads, earphone jack, control shafts, etc.) to be sure the product is safe to operate without danger of electrical shock.

##### a) Dielectric Strength Test

The isolation between the AC primary circuit and all metal parts exposed to the user, particularly any exposed metal part having a return path to the chassis should withstand a voltage of 3000V AC (r.m.s.) for a period of one second. ( . . . Withstand a voltage of 1100V AC (r.m.s.) to an appliance rated up to 120V, and 3000V AC (r.m.s.) to an appliance rated 200V or more, for a period of one second.) This method of test requires a test equipment not generally found in the service trade.

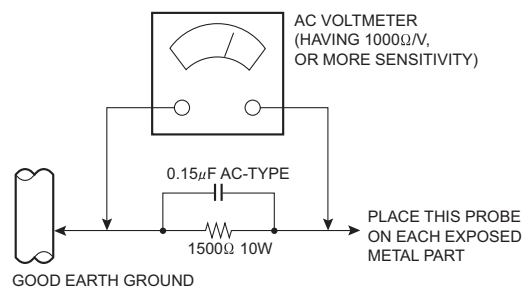
##### b) Leakage Current Check

Plug the AC line cord directly into the AC outlet (do not use a line isolation transformer during this check.). Using a "Leakage Current Tester", measure the leakage current from each exposed metal part of the cabinet, particularly any exposed metal part having a return path to the chassis, to a known good earth ground (water pipe, etc.). Any leakage current must not exceed 0.5mA AC (r.m.s.). However, in tropical area, this must not exceed 0.2mA AC (r.m.s.).

#### Alternate Check Method

Plug the AC line cord directly into the AC outlet (do not use a line isolation transformer during this check.). Use an AC voltmeter having 1000 $\Omega$  per volt or more sensitivity in the following manner. Connect a 1500 $\Omega$  10W resistor paralleled by a 0.15 $\mu$ F AC-type capacitor between an exposed metal part and a known good earth ground (water pipe, etc.). Measure the AC voltage across the resistor with the AC voltmeter. Move the resistor connection to each exposed metal part, particularly any exposed metal part having a return path to the chassis, and measure the AC voltage across the resistor. Now, reverse the plug in the AC outlet and repeat each measurement. Any voltage measured must not exceed 0.75V AC (r.m.s.). This corresponds to 0.5mA AC (r.m.s.).

However, in tropical area, this must not exceed 0.3V AC (r.m.s.). This corresponds to 0.2mA AC (r.m.s.).



## 1.2 INSTALLATION

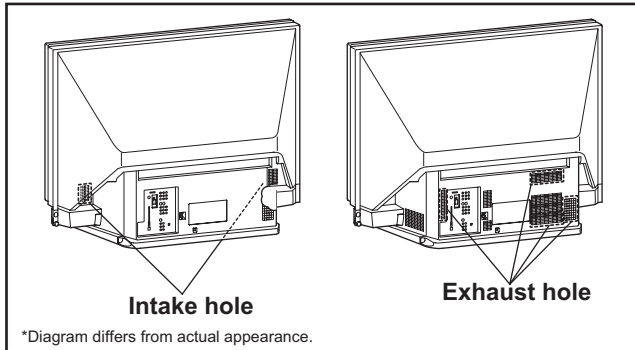
### 1.2.1 HEAT DISSIPATION

If the heat dissipation vent behind this unit is blocked, cooling efficiency may deteriorate and temperature inside the unit will rise. The temperature sensor that protects the unit will be activated when internal temperature exceeds the predetermined level and power will be turned off automatically.

Therefore, please make sure pay attention not to block the heat dissipation vent as well as the ventilation outlet behind the unit and ensure that there is room for ventilation around it.

**Do not put foreign objects near the ventilation holes as this can result in fire or electrical hazards.**

**Do not block the ventilation holes as this may cause the internal temperature to rise and possibly result fire.**



### 1.2.2 INSTALLATION REQUIREMENTS

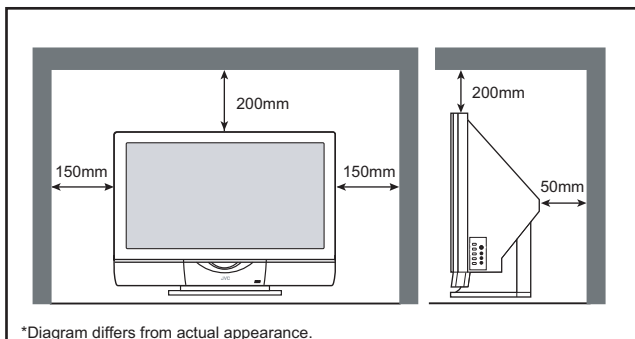
Ensure that the minimal distance is maintained, as specified figure, between the unit with and the surrounding walls, as well as the floor etc.

Install the unit on stable flooring.

Take precautionary measures to prevent the unit from tipping in order to protect against accidents and earthquakes.

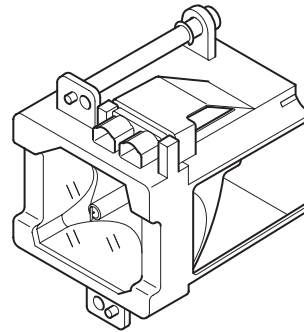
#### CAUTION FOR INSTALLATION

- Do not tilt the TV towards the left or right, or toward the back.
- Install the TV in a corner on the floor so as to keep cords out of the way.
- The TV will generate a slight amount of heat during operation. Ensure that sufficient space is available around the TV to allow satisfactory cooling.



## 1.3 LAMP UNIT HANDLING CAUTION

### LAMP UNIT : TS-CL110UAA



### 1.3.1 PRECAUTION FOR LAMP UNIT

The lamp emits high intensity white, ultraviolet and infrared light. Do not look directly at the light during service.

Also, do not touch the lamp directly as it presents a burn hazard.

Handle with extra care. This lamp emits high heat and contains high-pressure during use.

Do not give any impact as this may cause the broken lamp.

### 1.3.2 HOW TO CONFIRM LAMP OPERATING TIME

- MAXIMUM COUNT TIME= 65535 hours

- (1) Set to "0 minutes" using the [SLEEP TIMER] key.
- (2) Press the [VIDEO STATUS] key and [DISPLAY] key simultaneously, then enter the SERVICE MODE.
- (3) When the Main Menu is displayed, press [4] key to enter the setting display for designing.
- (4) Press [CH+] / [CH-] key to select the addresses (items).

#### NOTE:

- Confirmation of the information can be done by selecting addresses (items) below.  
Display position is in the far right side in the 2nd row from the top, as displayed below.

D070 : Lamp operating time high byte  
D071 : Lamp operating time low byte

D\*\*\* 01  
001, 01, 0000 0001

Operating time in binary number notation  
Operating time in hexadecimal number notation  
Operating time in decimal number notation

### 1.3.3 LAMP UNIT REPLACEMENT

- (1) The lamp replacement message will appear when need to change the lamp. After replace the lamp, need to reset the timer which is built into TV.
- (2) Life of the lamp unit is about **5000 hours** over. Lamp use time can be check at the lamp message MENU.
- (3) If Fig.1 message appears when turn the TV on, need to replace the lamp.
- (4) Use the lamp timer reset only after replacing the lamp.

#### NOTE:

- This message will appear every time turn on the TV, when the lamp needs to be replaced. Press the **[OK]** key to make the message disappear, or replace the lamp.

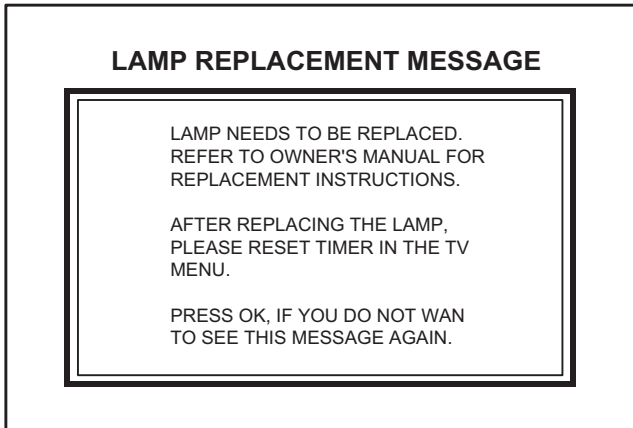


Fig.1

### 1.3.4 HOW TO REPLACE THE LAMP UNIT

- Refer to the "USERS GUIDE" for a detailed operating description.
  - (1) Turn off the TV power.
  - (2) Disconnect the power cord from the AC outlet.
  - (3) Loosen 1 screw from the rear side, then take out the the left speaker panel.
  - (4) Loosen 1 screw then take out the lamp cover.
  - (5) Loosen 2 screws then take out the lamp unit.
  - (6) Install the new lamp unit.
  - (7) Re-install the lamp cover.
  - (8) Re-install the left speaker panel.
  - (9) Re-install the screw to the rear panel.

#### NOTE:

- After installing the new lamp unit, do not forget to reset the lamp timer.

### 1.3.5 HOW TO RESET THE LAMP TIMER

- Refer to the "USERS GUIDE" for a detailed operating description.
  - (1) Press the **[MENU]** key to select CLOCK / TIMERS.
  - (2) Select the <LAMP TIMER RESET> with **[▲]** / **[▼]** keys.
  - (3) Enter the <LAMP TIMER RESET> mode the message will appears.
  - (4) Press the **[OK]** key while the above message appears on the screen.
  - (5) Turn off the power, then turn on the power.
  - (6) The lamp timer has now been reset, as before the HOW TO CONFIRMATION LAMP OPERATING TIME.

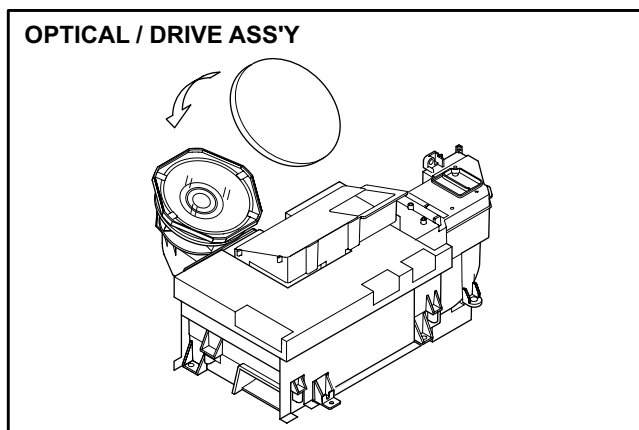
### 1.3.6 PRECAUTION FOR REPLACEMENT

- Do not replace the LAMP UNIT immediately after the projector has been used.
- The temperature of the LAMP UNIT is still high and could cause a burn.
- Allow a cooling period of 1 hour or more before performing replacement.
- Before starting LAMP UNIT replacement work, turn off the MAIN POWER switch, and disconnect the AC power cord plug from the wall outlet.
- If touched, the lamp glass surface may rupture and burns may result. Do not touch the glass portion or metal portion. Handle only plastic handle.
- The replaced old lamp can be discarded in the same manner as a fluorescent lamp. Check local ordinances and dispose of the used lamp as prescribed.

## 1.4 SERVICE PARTS KIT INSTRUCTIONS

Due to the character of this product, these **OPTICAL /DRIVE ASS'Y** are prepared.

Please note these **OPTICAL/DRIVE ASS'Y** when replacing or ordering the parts.



### 1.4.1 PART NUMBER AND CONSTRUCTION

| Model                  | Kit parts number | Kit part name         |
|------------------------|------------------|-----------------------|
| HD-61Z786<br>HD-61Z886 | TS-COP6A-SAA     | OPTICAL / DRIVE ASS'Y |
| HD-70G886              | TS-COP6B-SAA     | OPTICAL / DRIVE ASS'Y |

### 1.4.2 OPTICAL / DRIVE ASS'Y CONSTRUCTION

- (1) OPTICAL BLOCK  
(Included HD-ILA DEVICE, PROJECTION LENS)
- (2) OPTICAL BASE
- (3) MAIN DRIVE PWB ASS'Y  
This PWB is mounted with 2 memory ICs saved with adjustment, setting data of the drive circuit.
- (4) SHIELD TYPE  
\*The following parts without the kits part.
  - a) REMOTE SENSOR PWB ASS'Y
  - b) FAN CONTROL PWB ASS'Y
  - c) LAMP UNIT
  - d) FRONT SHADE BRACKET
  - e) SHADE COVER

### 1.4.3 PRECAUTION FOR USING

- (1) In the case of the following defects/problems, replace this kit (OPTICAL/DRIVE ASS'Y)
  - a) Picture defect caused by optical system/D-ILA device related parts.
  - b) Picture defect caused by drive circuit.
- (2) The MAIN DRIVE PWB ASS'Y is mounted with a memory IC [IC3741/IC3742] saved with adjustment/setting data (GAMMA, SHADING, etc.) of the drive circuit.  
The data of this memory IC is in the optimal state according to individual D-ILA devices and each section of the OPTICAL BLOCK.
- (3) When replace the MAIN DRIVE PWB ASS'Y, take off the 2 memory ICs from the original board and replace with new one. When replace the MAIN DRIVE PWB ASS'Y, do same manner. Replace 2 memory ICs.
- (4) When installing this kit (OPTICAL/DRIVE ASS'Y) to the set, first mount the FRONT SHADE BRACKET and SHADE COVER (with cushion) to the kit (lens section).

- (5) After the replacement of the OPTICAL BLOCK, projection lens focus adjustment and drive convergence / projection adjustment are required.

## 1.5 SCREEN HANDLING CAUTIONS

### 1.5.1 SCREEN STORAGE

Store the SCREEN ASS'Y in a standing position in order to avoid deformation. If the screen is stored horizontally, there is risk of deforming the screen face.

When necessary to place the SCREEN ASS'Y horizontally, position the screen side upwards and sure to place spacers between the screen and resting site (floor or stand etc.) to prevent the screen from sagging.

### 1.5.2 SCREEN SURFACE

Since the screen surface is easily scratched or soiled, use ample care when handling.

### 1.5.3 PRECAUTIONS FOR CLEANING AND REPLACEMENT

- The SCREEN ASS'Y is made from the lenticular lens and fresnel lens. The anti static proceeding and the surface of the lenticular lens. Rubbing the surface with something hard, the coating may peel off.
- When the screen is dirty, gently wipe it with a soft cloth.  
If the screen is very dirty, wipe it down with a cloth dipped in a diluted kitchen cleaner (neutrality detergent) and thoroughly wrung-out. Then wipe immediately after with clean, dry cloth.  
Never use the organic solvent such as the alcohol or benzine.
- The SCREEN ASS'Y replacement is required if the coating was peel off. Alkaline detergent or acidity detergent can not be used.
- The notched side of the lenticular lens and the fresnel lens are faced each other.
- Do not rub the screen when cleaning it or replacing it. Rubbing the screen may cause of the scratch of the screen by its notch.

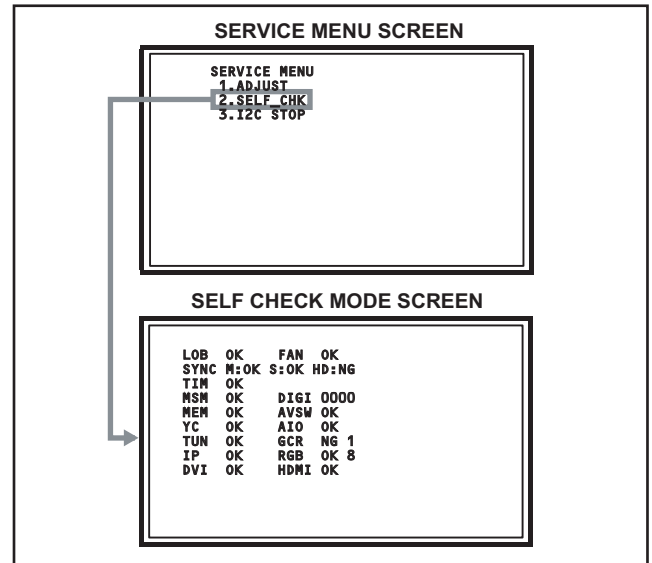
## SECTION 2

### SPECIFIC SERVICE INSTRUCTIONS

#### 2.1 SYSTEM SETTING

**Be sure to carry out the following operation at the end of the procedure.**

- (1) Set to "0 minutes" using the **[SLEEP TIMER]** key.
- (2) Press the **[VIDEO STATUS]** key and **[DISPLAY]** key simultaneously, then enter the SERVICE MODE.
- (3) When the Main Menu is displayed, press **[2]** key to enter the self check mode.
- (4) Turn off the power by pressing the **[POWER]** key on the remote control unit.



#### 2.2 FEATURES

##### D.I.S.T. (Digital Image Scaling Technology)

This system uses line interpolation to double the number of scanning lines and achieve high resolution, flicker-free picture.

##### SMART CAPTION

Smart caption will appear when you press the MUTING button, only on channels where the broadcast contains CLOSED CAPTION information.

##### SMART SOUND

Decreases high sound levels, giving a regulated sound level.

##### VIDEO STATUS

Expression of a favorite screen can be chosen by the VIDEO STATUS function.

##### DIGITAL INPUT

Digital-in will display when any picture signal in Digital-in is displayed.

##### V-CHIP

Since the V-CHIP is built in, it can choose, view and listen to a healthy program.

##### MTS STEREO

The voice multiplex function of the MTS system is built in. (MTS = Multi channel Television Sound system)

##### NATURAL CINEMA

Watching the movie or animation, press the Natural Cinema to adjust the outline of the images to make them more sharp.

##### BBE

High definition audio adds natural, clear and extraordinary sound quality to any program.

##### VIDEO INPUT LABEL

This function is used to label video input connections for the onscreen displays.

##### A.H.S.

Adds a more spacious surround sound. Music gives basic effect and Movie for more effect.

##### MEDIA CARD VIEWER [HD-70G886]

This TV can read the following media cards:

- SD Card
- MMC (Multi Media Card)
- Memory Stick
- xD-Picture Card
- CF Card (Compact Flash Card)
- Removable microdrive Hard Disk for JVC digital media camera "Everio" (a type of CF Card)

#### 2.3 MAIN DIFFERENCE LIST

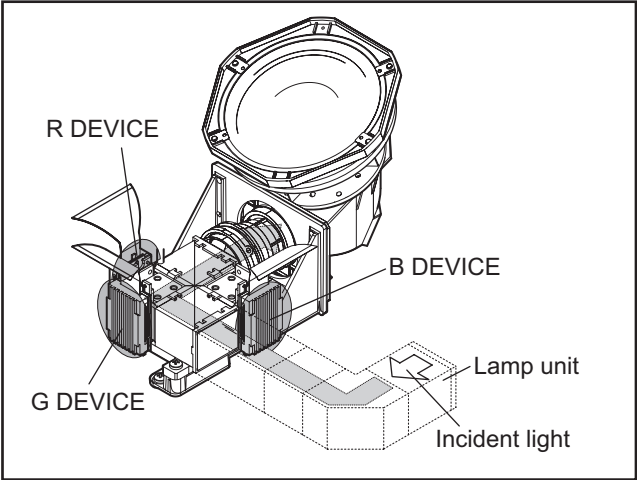
| Item                  | HD-61Z786    | HD-61Z886    | HD-70G886    |
|-----------------------|--------------|--------------|--------------|
| CABINET COLOR         | BLACK        | SILVER       | SILVER       |
| Multi Card Slot       | NO           | NO           | YES          |
| OPTICAL / DRIVE ASS'Y | TS-COP6A-SAA | ←            | TS-COP6B-SAA |
| ANALOG PWB            | SRP-1022A-M2 | ←            | SRP-1021A-M2 |
| REGULATOR PWB         | SRP-2022A-M2 | ←            | SRP-2021A-M2 |
| DIGITAL SIGNAL PWB    | SRP0D022A-M2 | SRP0D023A-M2 | SRP0D021A-M2 |
| CARD VIEWER PWB       | ---          | ---          | SRP-8511A-M2 |

2.4 TECHNICAL INFORMATION

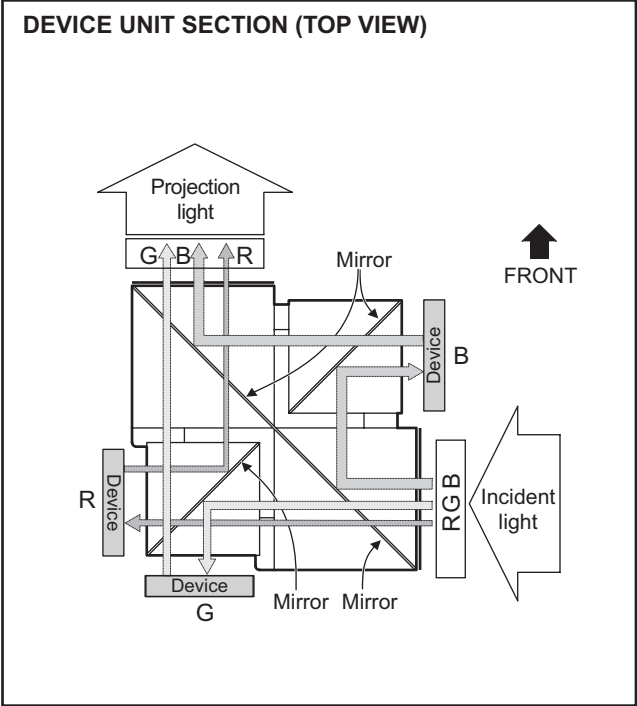
2.4.1 D-ILA DEVICE SPECIFICATION

| Item                        | Content               |
|-----------------------------|-----------------------|
| Resolution                  | H:1312 × V:800        |
| Pixel number                | about 3200000         |
| Pixel size                  | H :12.0mm × V :12.0mm |
| Aspect ratio                | 16:9                  |
| Contrast ratio              | 1000:1                |
| Aperture ratio              | 93% or more           |
| Effective pixel measurement | 0.7 inch              |

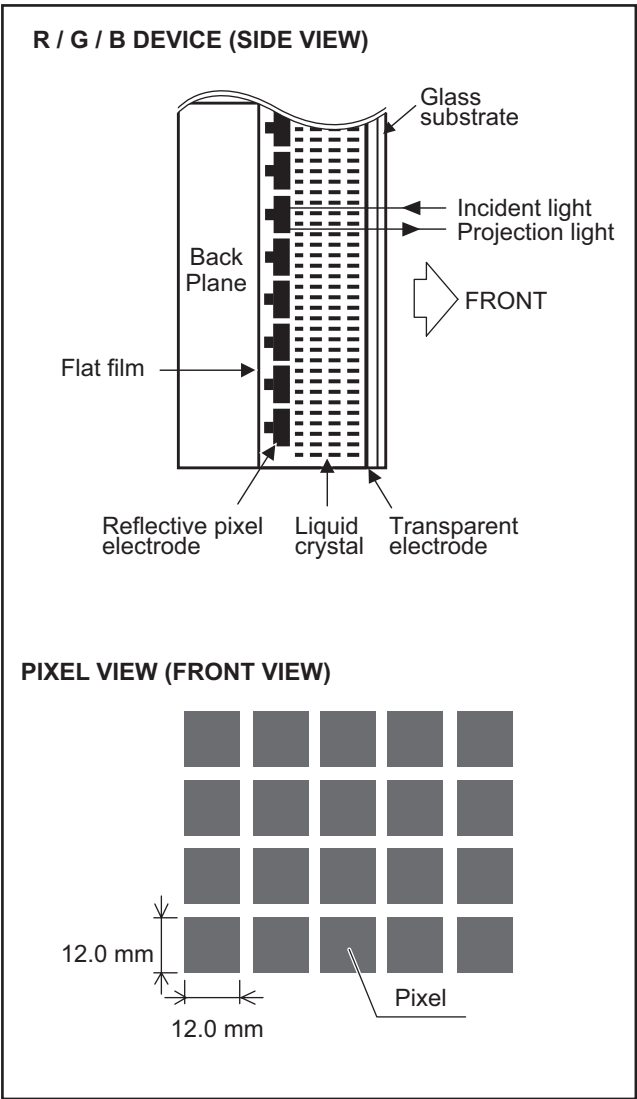
2.4.2 PROJECTION UNIT



2.4.3 IMAGE LIGHT FLOW



2.4.4 D-ILA DEVICE STRUCTURE



## 2.4.5 MAIN CPU PIN FUNCTION [IC7601 : DIGITAL SIGNAL PWB ASS'Y]

| Pin | Pin name  | I/O | Function                                                      | Pin | Pin name | I/O | Function                                                   |
|-----|-----------|-----|---------------------------------------------------------------|-----|----------|-----|------------------------------------------------------------|
| 1   | VHOLD1    | I   | Data slice for main screen closed caption                     | 51  | NC       | O   | Not used                                                   |
| 2   | HFLT1     | I/O | LPF for main screen closed caption video input                | 52  | NC       | O   | Not used                                                   |
| 3   | NC        | O   | Not used                                                      | 53  | NC       | O   | Not used                                                   |
| 4   | NC        | O   | Not used                                                      | 54  | NC       | O   | Not used                                                   |
| 5   | DIGR0     | O   | R [0] for OSD                                                 | 55  | NC       | O   | Not used                                                   |
| 6   | TB1in     | I   | AC power for timer clock                                      | 56  | NC       | O   | Not used                                                   |
| 7   | REMO      | I   | Remote control                                                | 57  | NC       | O   | Not used                                                   |
| 8   | BYTE      | I   | Data bus width select [L = 16bit (fixed)]                     | 58  | NC       | O   | Not used                                                   |
| 9   | CNVss     | I   | CPU programming mode select [Normal = L]                      | 59  | NC       | O   | Not used                                                   |
| 10  | DIGG0     | O   | G [0] for OSD                                                 | 60  | NC       | O   | Not used                                                   |
| 11  | DIGB0     | O   | B [0] for OSD                                                 | 61  | NC       | O   | Not used                                                   |
| 12  | RESET     | I   | Reset for main CPU [Reset = L]                                | 62  | HSYNC    | I   | H. sync for OSD                                            |
| 13  | Xout      | O   | System clock oscillation (crystal) : 16MHz                    | 63  | NC       | O   | Not used                                                   |
| 14  | Vss       | -   | GND                                                           | 64  | VSYNC    | I   | V. sync for OSD                                            |
| 15  | Xin       | I   | System clock oscillation (crystal) : 16MHz                    | 65  | NC       | O   | Not used                                                   |
| 16  | Vcci      | I   | 3.3V stand-by power supply                                    | 66  | NC       | O   | Not used                                                   |
| 17  | OSC1      | I   | Clock for OSD                                                 | 67  | NC       | O   | Not used                                                   |
| 18  | OSC2      | O   | Not used : Clock for OSD                                      | 68  | NC       | O   | Not used                                                   |
| 19  | INT1      | I   | AV COMPULINK control                                          | 69  | NC       | O   | Not used                                                   |
| 20  | INT0      | I   | Request for sub(chassis) CPU communication (serial data)      | 70  | NC       | O   | Not used                                                   |
| 21  | OUT1      | O   | Ys (blanking) for OSD                                         | 71  | NC       | O   | Not used                                                   |
| 22  | OUT2      | O   | YM (transparence) for OSD                                     | 72  | NC       | O   | Not used                                                   |
| 23  | NC        | O   | Not used                                                      | 73  | NC       | O   | Not used                                                   |
| 24  | NC        | O   | Not used                                                      | 74  | NC       | O   | Not used                                                   |
| 25  | NC        | O   | Not used                                                      | 75  | NC       | O   | Not used                                                   |
| 26  | NC        | O   | Not used                                                      | 76  | NC       | O   | Not used                                                   |
| 27  | CTA2/RTS2 | O   | Not used                                                      | 77  | NC       | O   | Not used                                                   |
| 28  | CLK2      | O   | Not used                                                      | 78  | NC       | O   | Not used                                                   |
| 29  | RxD2      | I   | Digital tuner control                                         | 79  | NC       | O   | Not used                                                   |
| 30  | TxD2      | O   | Digital tuner control                                         | 80  | NC       | O   | Not used                                                   |
| 31  | SDA2      | I/O | Not used                                                      | 81  | NC       | O   | Not used                                                   |
| 32  | DIGR1     | O   | R [1] for OSD                                                 | 82  | NC       | O   | Not used                                                   |
| 33  | DIGG1     | O   | G [1] for OSD                                                 | 83  | NC       | O   | Not used                                                   |
| 34  | DIGB1     | O   | B [1] for OSD                                                 | 84  | WAKE     | O   | Reset for sub(chassis) CPU                                 |
| 35  | TxD0      | I   | Data receive (serial) for external programming                | 85  | CARD_DET | I   | Card detection for ATSC digital tuner                      |
| 36  | RxD0      | O   | Data transmission (serial) for external programming           | 86  | POWER_SW | I   | Power switch (mechanical) detection                        |
| 37  | CLK0      | I   | Clock for external programming                                | 87  | NC       | I/O | Data for Inter IC (serial) bus control : memory            |
| 38  | RTS0      | O   | Busy for external programming [Operation = H]                 | 88  | NC       | O   | Clock for Inter IC (serial) bus control : memory           |
| 39  | P5.7      | I   | Not used                                                      | 89  | DIGR2    | O   | R [2] for OSD                                              |
| 40  | P5.6      | O   | Not used                                                      | 90  | DIGG2    | O   | G [2] for OSD                                              |
| 41  | HOLD      | I   | CPU programming mode select [Normal = H]                      | 91  | DIGB2    | O   | B [2] for OSD                                              |
| 42  | P5.4      | O   | Not used                                                      | 92  | NC       | O   | Not used                                                   |
| 43  | P5.3      | O   | Not used                                                      | 93  | KEY2     | I   | Key scan data for front control button (MENU/CH+/CH-) KEY2 |
| 44  | P5.2      | O   | Not used                                                      | 94  | KEY1     | I   | Key scan data for front control button (VOL+/VOL-) KEY1    |
| 45  | P5.1      | O   | Not used                                                      | 95  | VHOLD2   | I   | Data slice for sub screen closed caption                   |
| 46  | WR        | O   | CPU programming mode select [Normal = L]                      | 96  | HLF2     | I/O | LPF for sub screen closed caption video input              |
| 47  | P4.7      | O   | Data transmission for sub(chassis) CPU communication (serial) | 97  | CVIN2    | I   | Video(Y) for sub screen closed caption                     |
| 48  | P4.6      | I   | Data receive for sub(chassis) CPU communication (serial)      | 98  | TVSETB   | I   | Test terminal [L Fixed]                                    |
| 49  | P4.5      | I   | Clock for sub(chassis) CPU communication (serial)             | 99  | VCCE     | I   | 5V stand-by power supply                                   |
| 50  | P4.4      | O   | Not used                                                      | 100 | CVIN1    | I   | Video(Y) for main screen closed caption                    |

## 2.4.6 SUB (CHASSIS) CPU PIN FUNCTION [IC7001 : DIGITAL SIGNAL PWB ASS'Y]

| Pin | Pin name    | I/O | Function                                                       | Pin | Pin name     | I/O | Function                                                           |
|-----|-------------|-----|----------------------------------------------------------------|-----|--------------|-----|--------------------------------------------------------------------|
| 1   | LED_PRO     | O   | Not used                                                       | 51  | BS_TXD       | O   | Not used : Data transmission for digital tuner communication       |
| 2   | P_MU        | O   | Picture muting [Muting = H]                                    | 52  | BS_RXD       | I   | Not used : Data receive for digital tuner communication            |
| 3   | JP_CSB      | O   | Not used (NC)                                                  | 53  | CD_INT       | O   | Data transmission for CARD data                                    |
| 4   | A_MU        | O   | Audio muting [Muting = H]                                      | 54  | VREF+        | I   | 3.3V power supply                                                  |
| 5   | M_MU        | O   | Audio muting (for AUDIO OUT) [Muting = H]                      | 55  | PDP_TX       | O   | Data transmission for SUB (DRIVE) CPU communication                |
| 6   | PC_SEL      | O   | RGB(PC) INPUT select                                           | 56  | PDP_RX       | I   | Data receive for SUB (DRIVE) CPU communication                     |
| 7   | DIMMER_LED  | O   | POWER INDICATOR (LED) brightness [LOW = L]                     | 57  | SDA0         | I/O | Data for Inter IC (serial) bus : EEP-ROM (IC7002)                  |
| 8   | ILA0        | O   | Not used : LCD back light lighting                             | 58  | SCL0         | O   | Clock for Inter IC (serial) bus : EEP-ROM (IC7002)                 |
| 9   | ILA1        | O   | Not used : LCD panel overshoot refresh timing                  | 59  | SDA_DVI      | I/O | Not used : Data for Inter IC (serial) bus for panel communication  |
| 10  | ILA2        | O   | Not used                                                       | 60  | SCL_DVI      | O   | Not used : Clock for Inter IC (serial) bus for panel communication |
| 11  | POW_LED     | O   | POWER LED lighting [ON = H]                                    | 61  | AVSS         | -   | GND                                                                |
| 12  | WORD        | O   | Not used                                                       | 62  | DIGI_PHOT    | I   | Photo sensor for DIGITAL-IN illegal copy protection                |
| 13  | MI_CK       | I   | Clock for SUB (OSD) CPU communication                          | 63  | AGC          | I   | Not used                                                           |
| 14  | MI_TX       | I   | Data receive for SUB (OSD) CPU communication                   | 64  | EXT_YS1      | I   | Not used                                                           |
| 15  | MI_RX       | O   | Data transmission for SUB (OSD) CPU communication              | 65  | EXT_YS2      | I   | Not used                                                           |
| 16  | MI_REQ      | O   | Data request for SUB (OSD) CPU communication [Request = L]     | 66  | VDD          | I   | 3.3V power supply                                                  |
| 17  | VDD         | I   | 3.3V power supply                                              | 67  | DIGI_PRO     | O   | for DIGITAL-IN (HDMI)                                              |
| 18  | FOSC        | O   | Not used (NC)                                                  | 68  | GCR_RST      | O   | Not used (NC)                                                      |
| 19  | VSS         | -   | GND                                                            | 69  | GR_ON        | O   | Not used (NC)                                                      |
| 20  | X1          | I   | Not used : Low speed oscillator                                | 70  | SYNC_SEL     | O   | Not used : Sync select for digital tuner                           |
| 21  | X0          | O   | Not used : Low speed oscillator                                | 71  | CD_SCL       | O   | Clock for Inter IC (serial) bus for CARD communication             |
| 22  | VDD         | I   | 3.3V power supply                                              | 72  | CD_SDA       | O   | Data for Inter IC (serial) bus for CARD communication              |
| 23  | OSC1        | I   | System clock oscillation (crystal) : 16MHz                     | 73  | SBD5         | I/O | Data for writing on board (connect CN01P : for Frash ROM type)     |
| 24  | OSC0        | O   | System clock oscillation (crystal) : 16MHz                     | 74  | SBT5         | I   | Clock for writing on board (connect CN01P : for Frash ROM type)    |
| 25  | MODE        | I   | Single chip mode                                               | 75  | NMI          | I   | 3.3V power supply                                                  |
| 26  | BS1.5CTL    | O   | Not used : Digital tuner power / reset control                 | 76  | COMP         | I   | AV COMPULINK III control                                           |
| 27  | A92RES      | O   | Reset for IC1001(3D YC SEP / COLOR DEMODULAT) [Reset = H]      | 77  | REMO         | I   | Remote control                                                     |
| 28  | BS_RST      | O   | Not used: Reset for Digital tuner power / reset control        | 78  | VSNC         | I   | V. sync pulse                                                      |
| 29  | LIP_RST     | O   | Not used: Reset for Sound delay (Lip sync)                     | 79  | WAKE         | I   | Reset for sub(chassis) CPU                                         |
| 30  | SOFT_OFF    | O   | Not used                                                       | 80  | POWERGOOD    | I   | Power error detection [NG = H]                                     |
| 31  | VMUTE       | I   | Interrupt detection [Detect : H]                               | 81  | CD_SCL       | O   | Not used (NC)                                                      |
| 32  | VOUTENB     | O   | Video cutoff for digital tuner                                 | 82  | RST          | I   | Reset for MAIN CPU [Reset = L]                                     |
| 33  | MDR_CON     | I   | No use : System cable connection monitor for PDP               | 83  | VDD          | I   | 3.3V power supply                                                  |
| 34  | AVDD        | I   | 3.3V power supply                                              | 84  | SCL3A        | O   | Clock for Inter IC (serial) bus control                            |
| 35  | PFC_POW     | O   | Not used : Digital tuner power control                         | 85  | SDA3A        | I/O | Data for Inter IC (serial) bus control                             |
| 36  | DsyncSW2    | O   | Sync select for DIGITAL-IN [Cotrolled with 99-pin]             | 86  | SCL3B        | O   | Clock for Inter IC (serial) bus control                            |
| 37  | LB_POW      | O   | Not used : Power control for low bias line                     | 87  | SDA3B        | I/O | Data for Inter IC (serial) bus control                             |
| 38  | NC          | O   | Not used (NC)                                                  | 88  | DIGI_SYNCSEL | O   | Not used                                                           |
| 39  | HOTPLUG     | I   | Not used : Video communication monitor for receiver unit (PDP) | 89  | DIGI_LRSW    | O   | For DIGITAL-IN (HDMI)                                              |
| 40  | MECA_SW     | I   | Not used : Mechanical monitor for POWER switch                 | 90  | DIGI_INT     | I   | Reset for HDMI process [Reset = L]                                 |
| 41  | MAIN_POW    | O   | Main power control [ON = L]                                    | 91  | DVI_RST      | O   | Not used : Reset for DVI format conversion                         |
| 42  | MSP_RST     | O   | AUDIO OUT output mode select [VARIABLE = L]                    | 92  | VSS          | -   | GND                                                                |
| 43  | VREF-       | I   | Not used                                                       | 93  | SCL5055      | O   | Clock for Inter IC (serial) bus : JCC5055 (DIST process)           |
| 44  | AFT2        | I   | Not used : AFT voltage for sub tuner                           | 94  | VFORMATSEL   | O   | Not used : Digital tuner clock control                             |
| 45  | AFT1        | I   | AFT voltage for VHF/UHF tuner                                  | 95  | SDA5055      | I/O | Data for Inter IC (serial) bus : JCC5055 (DIST process)            |
| 46  | KEY2        | I   | Not used                                                       | 96  | OSD_MODE_SEL | O   | Not used : OSD mode select                                         |
| 47  | KEY1        | I   | Not used                                                       | 97  | NC           | O   | Not used (NC)                                                      |
| 48  | NC          | O   | Not used (NC)                                                  | 98  | 15K/OTH      | O   | Main video select [Fixed H]                                        |
| 49  | REC_RSV_LED | O   | Not used (NC)                                                  | 99  | DsyncSW1     | O   | Sync select for DIGITAL-IN [Cotrolled with 36-pin]                 |
| 50  | AC_IN       | I   | Not used                                                       | 100 | 57 BUSY      | I   | Busy monitor for JCC5057 (New DIST process)                        |



## SECTION 3 DISASSEMBLY

### 3.1 DISASSEMBLY PROCEDURE

#### CAUTION AT DISASSEMBLY:

- Be sure to perform the **SYSTEM SETTING**, at the end of the procedure.
- Make sure that the power cord is disconnected from the outlet.
- Pay special attention not to break or damage the parts.
- When removing each board, remove the connectors as required. Taking notes of the connecting points (connector numbers) makes service procedure manageable.
- Make sure that there is no bent or stain on the connectors before inserting, and firmly insert the connectors.

#### 3.1.1 FRONT SIDE DISASSEMBLY [HD-61Z786 / HD-61Z886]

##### 3.1.1.1 REMOVING THE SPEAKER (Fig.1)

- (1) Remove the 1 screw **[A]**, then remove the SPEAKER GRILL(R).
- (2) Remove the 1 screw **[B]**, then remove the SPEAKER GRILL(L).
- (3) Remove the 4 screws **[C]**, then remove the SPEAKER.

##### 3.1.1.2 REMOVING THE LAMP UNIT (Fig.1)

- Remove the SPEAKER GRILL(L).
- (1) Remove the 1 screw **[D]**, then remove the LAMP COVER.
- (2) Remove the 2 screws **[E]**, then pull out the LAMP UNIT.

#### NOTE :

- Do not leave the LAMP COVER removed for long time to prevent dirt and dust from covering the lens.
- Make sure that the LAMP COVER is completely installed.

##### 3.1.1.3 REMOVING THE FRONT LED PWB (Fig.1)

- Remove the SPEAKER GRILL.
- (1) Remove the 4 screws **[F]**, then remove the FRONT PANEL.
- (2) Remove the 1 screws **[G]**, then remove the FRONT LED PWB.

##### 3.1.1.4 REMOVING THE CENTER PANEL (Fig.1)

- Remove the SPEAKER.
- Remove the FRONT PANEL.
- (1) Remove the 2 screws **[H]**, then remove the CENTER PANEL and CUSHION.

##### 3.1.1.5 REMOVING THE SCREEN BLOCK (Fig.1)

- Remove the SPEAKER GRILL.
- Remove the FRONT PANEL.
- (1) Remove the 4 screws **[J]** and the 10 screws **[K]**, then remove the SCREEN BLOCK.

#### CAUTION :

- Place the SCREEN BLOCK on a flat table without fail.
- Because of the large size, at least 2 persons are recommended for removal and reassemble.
- Use care not to scratch the screen during work.
- During assembly, be sure to engage the left and right tabs with the cabinet mounting positions.
- When supporting the SCREEN BLOCK, avoid grasping the top of the screen panel, instead grasp the left and right areas.
- Do not leave the SCREEN BLOCK removed for long time to prevent soiling from dust.

##### 3.1.1.6 REMOVING THE SCREEN ASS'Y (Fig.1)

- Remove the SPEAKER GRILL.
- Remove the FRONT PANEL.
- Remove the SCREEN BLOCK.
- (1) Remove the 24 screws **[L]**, then remove the SCREEN BRACKET.
- (2) Remove the SCREEN ASSY.

##### 3.1.1.7 REMOVING THE FRONT FRAME (Fig.1)

- Remove the SPEAKER GRILL.
- Remove the FRONT PANEL.
- Remove the SCREEN BLOCK.
- (1) Remove the 20 screws **[M]**, then remove the FRONT FRAME.

##### 3.1.1.8 REMOVING THE MIRROR (Fig.1)

- Remove the SPEAKER GRILL.
- Remove the FRONT PANEL.
- Remove the SCREEN BLOCK.
- (1) Remove the 12 screws **[N]** attaching the MIRROR HOLDER of the upper, left and right side.
- (2) Raise slightly to disengage of the MIRROR from the bottom holder.
- (3) Remove the MIRROR.

#### NOTE :

- Do not touch the front of the MIRROR.
- Do not shock the front of the MIRROR.
- Because of the large size, at least 2 persons are recommended for removal and reassemble.

##### 3.1.1.9 REMOVING THE SIDE CONTROL PWB (Fig.1)

- Remove the SPEAKER GRILL.
- Remove the FRONT PANEL.
- Remove the SCREEN BLOCK.
- (1) Remove the 4 screws **[P]**, then remove the SIDE CONTROL BASE with wire clamp.
- (2) Remove the 3 screws **[Q]**, then remove the SIDE CONTROL PWB.

##### 3.1.1.10 REMOVING THE MAIN BODY (Fig.1)

- Remove the SPEAKER GRILL.
- Remove the FRONT PANEL.
- Remove the SCREEN BLOCK.
- (1) Remove the 2 screws **[R]** and the 12 screws **[S]**, then remove the MAIN BODY.

#### CAUTION:

- Because of the large size, at least 2 persons are recommended for removal and reassemble.

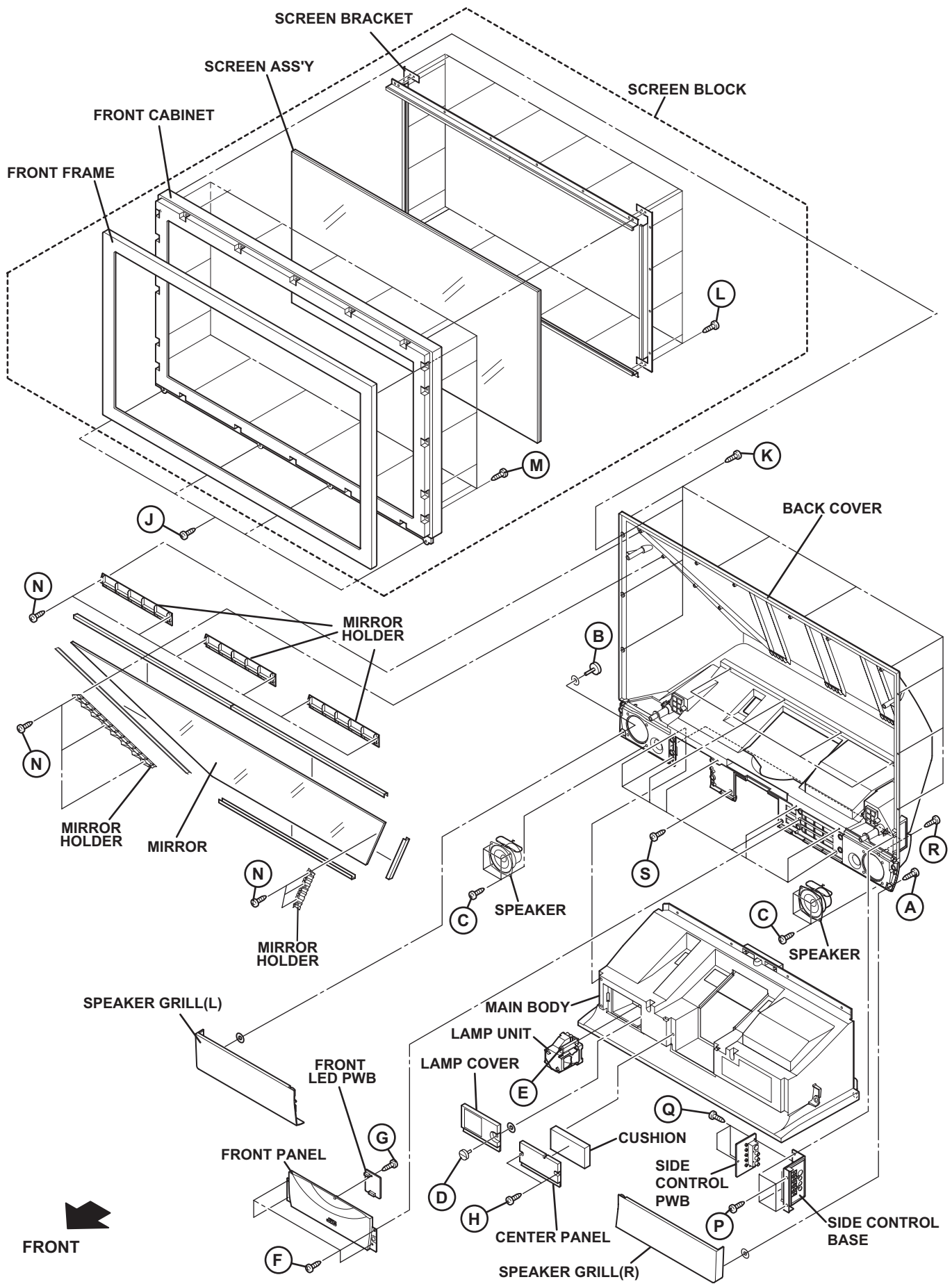


Fig.1

### **3.1.2 FRONT SIDE DISASSEMBLY [HD-70G886]**

#### **3.1.2.1 REMOVING THE SPEAKER (Fig.2)**

- (1) Remove the 1 screw **[A]**, then remove the SPEAKER GRILL(R).
- (2) Remove the 1 screw **[B]**, then remove the SPEAKER GRILL(L).
- (3) Remove the 4 screws **[C]**, then remove the SPEAKER.

#### **3.1.2.2 REMOVING THE LAMP UNIT (Fig.2)**

- Remove the SPEAKER GRILL (L).
- (1) Remove the 1 screw **[D]**, then remove the LAMP COVER.
- (2) Remove the 2 screws **[E]**, then Pull out the LAMP UNIT.

#### **NOTE:**

- Do not leave the LAMP COVER removed for long time to prevent dirt and dust from covering the lens.
- Make sure that the LAMP COVER is completely installed.

#### **3.1.2.3 REMOVING THE FRONT LED PWB (Fig.2)**

- Remove the SPEAKER.
- (1) Remove the 2 screws **[F]**, then remove the FRONT PANEL.
- (2) Remove the 1 screw **[G]**, then remove the FRONT LED PWB.

#### **3.1.2.4 REMOVING THE CENTER PANEL (Fig.2)**

- Remove the SPEAKER.
- Remove the FRONT PANEL.
- (1) Remove the 2 screws **[H]**, then remove the CENTER PANEL and CUSHION.

#### **3.1.2.5 REMOVING THE FRONT FRAME (Fig.2)**

- Remove the SPEAKER.
- Remove the FRONT PANEL.
- (1) Remove the 4 screws **[J]**, the 10 screws **[K]** and the 4 screws **[L]** from front side.
- (2) Remove the 10 screws **[M]** from back side.

#### **3.1.2.6 REMOVING THE SIDE CONTROL PWB (Fig.2)**

- Remove the SPEAKER.
- Remove the FRONT PANEL.
- Remove the FRONT FRAME.
- (1) Remove the 4 screws **[N]**, then remove the SIDE CONTROL BASE with the SIDE CONTROL PWB.
- (2) Remove the 3 screws **[P]**, then remove the SIDE CONTROL PWB.

#### **3.1.2.7 REMOVING THE SPEAKER BOX (Fig.2)**

- Remove the SPEAKER.
- Remove the FRONT PANEL.
- Remove the FRONT FRAME.
- (1) Remove the 3 screws **[Q]** from rear side, then remove the SPEAKER BOX.
- (2) Remove the opposite side SPEAKER BOX same steps.

#### **3.1.2.8 REMOVING THE MAIN BODY (Fig.2)**

- Remove the SPEAKER.
- Remove the FRONT PANEL.
- Remove the FRONT FRAME.
- Remove the SPEAKER BOX.
- (1) Remove the 4 screws **[R]**, then remove the MAIN BODY.

#### **CAUTION:**

- Because of the large size, at least 2 persons are recommended for removal and reassembly.

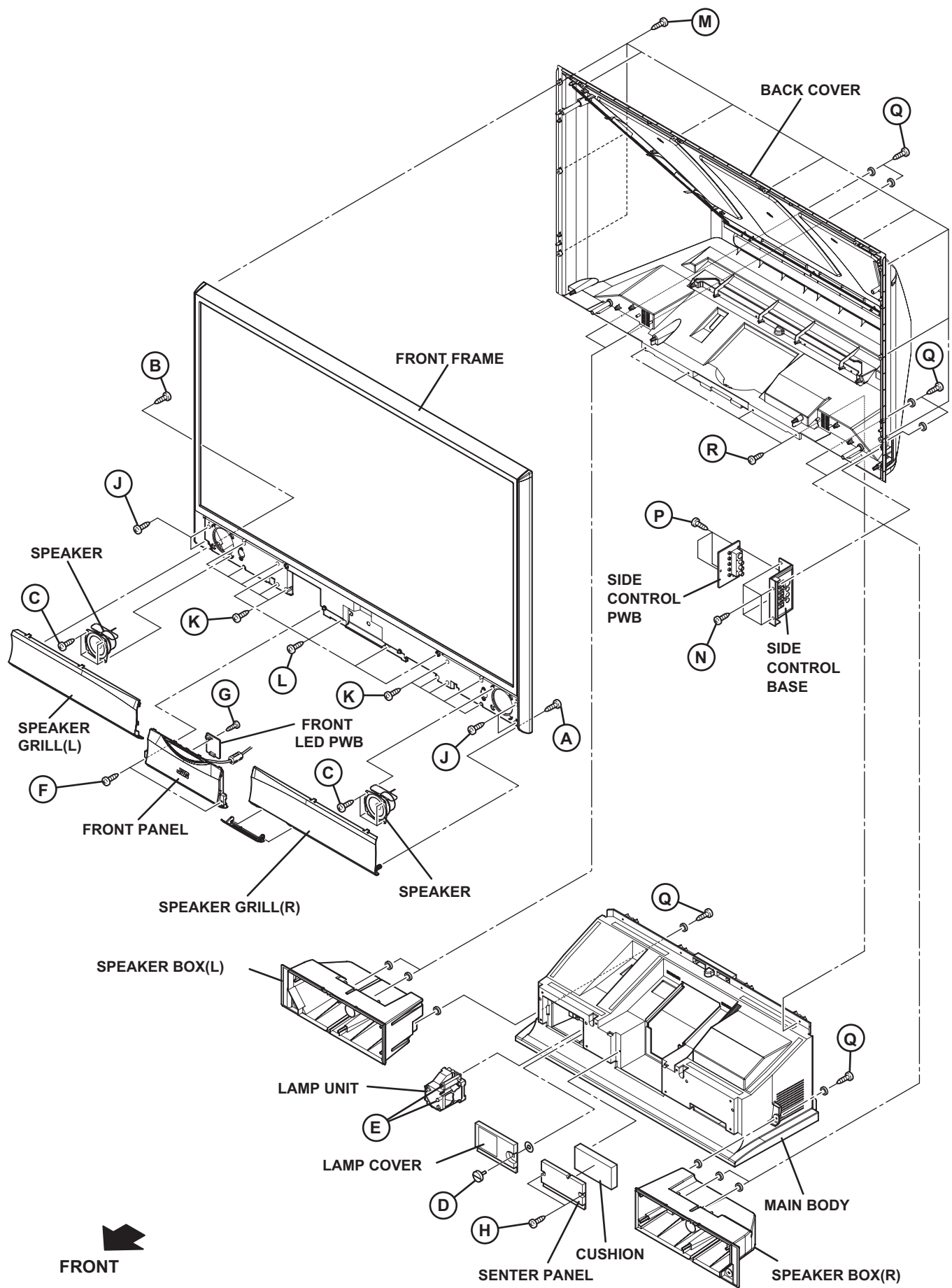


Fig.2

#### **3.1.2.9 REMOVING THE SCREEN BLOCK (Fig.3)**

- Remove the SPEAKER.
- Remove the FRONT PANEL.
- Remove the FRONT FRAME.

(1) Remove the 14 screws **[A]**, then remove the SCREEN BLOCK.

#### **CAUTION:**

- Place the SCREEN BLOCK on a flat table without fail.
- Because of the large size, at least 2 persons are recommended for removal and reassemble.
- Use care not to scratch the screen during work.
- During assembly, be sure to engage the left and tabs with the cabinet mounting positions.
- When supporting the SCREEN BLOCK, avoid grasping the top of the screen panel, instead grasp the left and right areas.
- Do not leave the SCREEN BLOCK removed for long time to prevent soiling from dust.

#### **3.1.2.10 REMOVING THE SCREEN ASS'Y (Fig.3)**

- Remove the SPEAKER.
- Remove the FRONT PANEL.
- Remove the FRONT FRAME.
- Remove the SCREEN BLOCK.

(1) Remove the 4 screws **[B]**, then remove the SCREEN HOLDER REAR top.

(2) Remove the 4 screws **[C]**, then remove the SCREEN HOLDER REAR bottom.

(3) Remove the 4 screws **[D]**, then remove the SCREEN HOLDER REAR both side.

(4) Remove the SCREEN ASS'Y.

(5) Remove the 8 screws **[E]** and the 4 screws **[F]**, then remove the SCREEN HOLDER FRONT.

#### **3.1.2.11 REMOVING THE MIRROR (Fig.3)**

- Remove the SPEAKER.
- Remove the FRONT PANEL.
- Remove the FRONT FRAME.
- Remove the SCREEN BLOCK.

(1) Remove the 4 screws **[G]** and the 3 screws **[H]** then remove the BACK BRACKET(REAR).

(2) Remove the 4 screws **[J]** and the 2 screws **[K]** then remove the BACK BRACKET(L/R).

(3) Remove the 2 screws **[L]**, then remove the MIRROR HOLDER STOPPER.

(4) Remove the 2 screws **[M]** and the 2 screws **[N]** then remove the MIRROR HOLDER(top).

(5) Remove the 8 screws **[P]**, then remove the MIRROR HOLDER BRACKET(four corners).

(6) Remove the 6 screws **[Q]** and the 2 screws **[R]** then remove the MIRROR HOLDER(both side and bottom).

(7) Remove the MIRROR.

#### **NOTE:**

- Do not touch the front of the MIRROR.
- Do not shock the front of the MIRROR.
- Because of the large size, at least 2 persons are recommended for removal and reassemble.

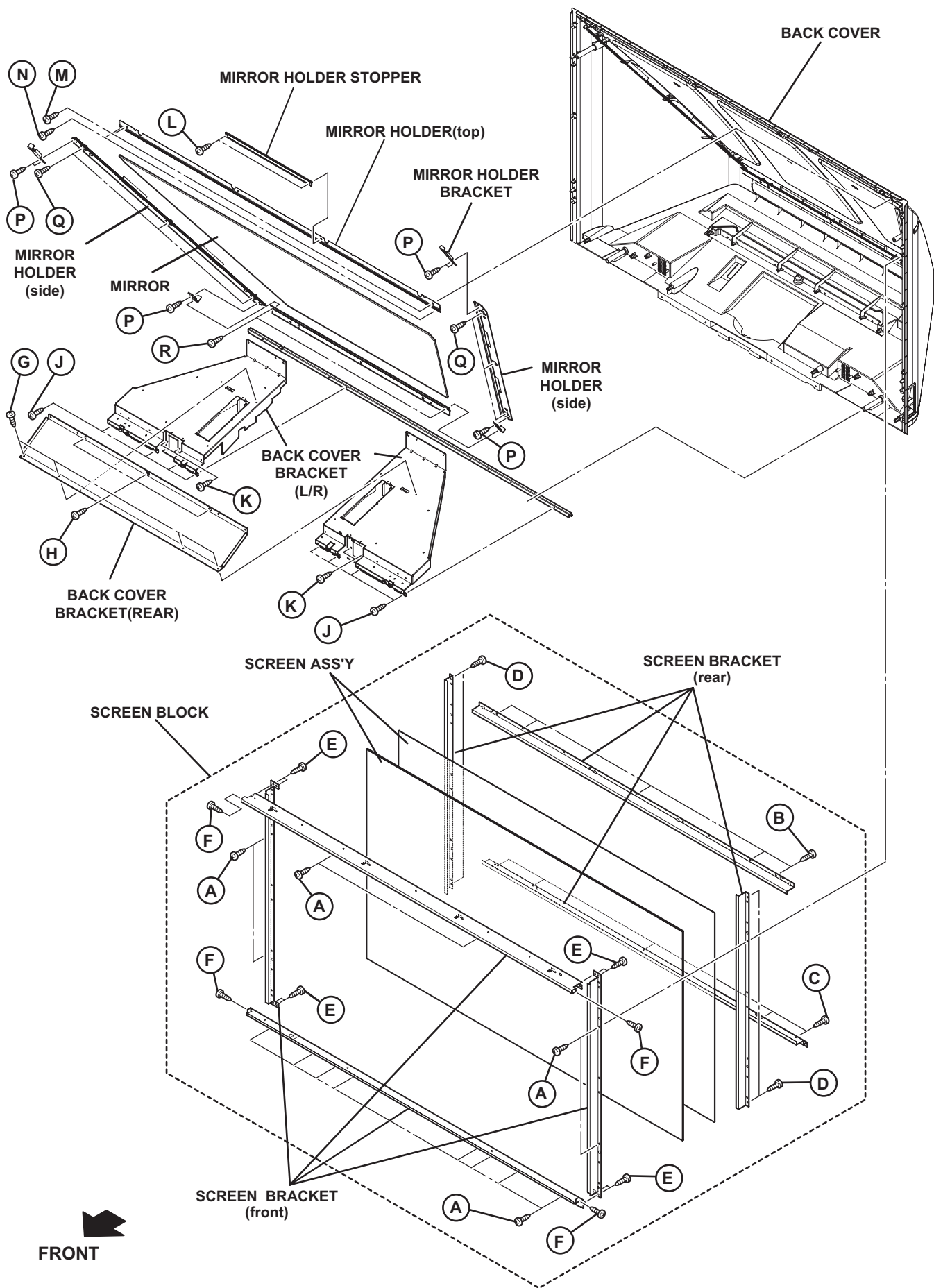


Fig.3

### 3.1.3 REAR SIDE DISASSEMBLY

#### 3.1.3.1 REMOVING THE BODY COVER (Fig.4)

- (1) Remove the 15 screws [A], then remove the BODY COVER.

#### 3.1.3.2 REMOVING THE MAIN UNIT (Fig.4)

- Remove the BODY COVER.
  - (1) Remove the 4 screws [B], then remove the BODY BRACKET
  - (2) Remove the 2 screws [C], then remove the TOP SHADE BRACKET.
  - (3) Remove the 2 screws [D], then MAIN UNIT is pulled out to the front side.

#### CAUTION

- Except for confirmation of projection images on the screen and audio output through the speakers, the removed MAIN UNIT is still workable in the same state as if it is still built-in the TV set. Therefore, the MAIN UNIT can be removed, if necessary, for board diagnosis, electric testing, etc. apart from confirmation of screen images and audio output. Do not leave the MAIN UNIT removed for long time to prevent soiling from dust.
- Because of the large size, at least 2 persons are recommended for removal and reassemble.
- When carrying the MAIN UNIT, use care not to drop, shock or shake it.
- Do not stain or damage the projection lens.
- Do not look directly at the light during service.
- Do not touch the lamp directly as it presents a burn hazard.

#### NOTE :

- When not performing repair work, attach the cap on the lens to preventing dust from covering.
- When mounting to the set, make sure the front of the lens is in contact with the cushion on the set (body) side.
- Make sure that FRONT LED PWB connector is completely connect to the RECEIVER PWB connector.
- When wire clamps are removed during work, use care to restore them precisely to their original positions. Performance can be affected if these are not returned to the original positions.

#### 3.1.3.3 REMOVING THE POWER PWB (Fig.4)

- Remove the BODY COVER.
- Remove the MAIN UNIT.
  - (1) Remove the POWER CORD.
  - (2) Remove the 5 screws [E] then Remove the POWER PWB.

#### 3.1.3.4 REMOVING THE AV TERMINAL BOARD (Fig.4)

- Remove the BODY COVER.
- Remove the MAIN UNIT.
  - (1) Remove the 2 screws [F], the 5 screws [G] and the 2 hex screws [H].
  - (2) Remove the 2 screws [J] and the nut attaching the ANTENNA TERMINAL.
  - (3) Remove the AV TERMINAL BOARD.

#### 3.1.3.5 SD CARD PWB (Fig.4)

- Remove the BODY COVER.
- Remove the MAIN UNIT.
- Remove the AV TERMINAL BOARD.
  - (1) Remove the 2 screws [K], then remove the SD CARD BRACKET with SD CARD PWB.
  - (2) Remove the 3 screws [L], then remove the SD CARD PWB.

#### 3.1.3.6 REMOVING THE REAR JACK PWB (Fig.4)

- Remove the BODY COVER.
- Remove the MAIN UNIT.
- Remove the AV TERMINAL BOARD.
  - (1) Remove the 1 screw [M] then remove the REAR JACK PWB.

#### 3.1.3.7 REMOVING THE RECEIVER PWB, REGULATOR PWB AND ANALOG SIGNAL PWB (Fig.4)

- Remove the BODY COVER.
- Remove the MAIN UNIT.
- Remove the AV TERMINAL BOARD.
  - (1) Remove the 1 screw [N], then remove the ANALOG PWB BRACKET with PWB.
  - (2) Remove the 4 screws [P], then remove the PWB HOLDER.
  - (3) Remove the 4 screws [Q], then remove the RECEIVER PWB.
  - (4) Remove the 4 screws [R], then remove the ANALOG SIGNAL PWB.
  - (5) Remove the 4 screws [S], then remove the REGULATOR PWB.

#### 3.1.3.8 REMOVING THE DIGITAL SIGNAL PWB (Fig.4)

- Remove the BODY COVER.
- Remove the MAIN UNIT.
- Remove the AV TERMINAL BOARD.
  - (1) Remove the 1 screw [T], then remove the HANGER BRACKET with PWB.
  - (2) Remove the 4 screws [P], then remove the PWB HOLDER.
  - (3) Remove the 4 screws [U], then remove the DIGITAL SIGNAL PWB.

#### CAUTION :

Make sure to perform the "SYSTEM SETTING" according to before page, when DIGITAL SIGNAL PWB is replaced.

#### 3.1.3.9 REMOVING THE ATSC TUNER MODULE PWB (Fig.4)

- Remove the BODY COVER.
- Remove the MAIN UNIT.
- Remove the AV TERMINAL BOARD.
  - (1) Remove the 1 screw [T], then remove the HANGER BRACKET with PWB.
  - (2) Remove the 4 screws [P], then remove the PWB HOLDER.
  - (3) Remove the 4 screws [V], then remove the ATSC TUNER MODULE PWB.

#### 3.1.3.10 REMOVING THE CARD VIEWER PWB [HD-70G886] (Fig.4)

- Remove the BODY COVER.
- Remove the MAIN UNIT.
- Remove the AV TERMINAL BOARD.
- Remove the ANALOG PWB BRACKET.
- Remove the HANGER BRACKET.
  - (1) Remove the 2 screws [W], then remove the CARD VIEWER PWB BRACKET.
  - (2) Remove the 3 screws [X], then remove the CARD VIEWER PWB COVER.
  - (3) Remove the 4 screws [Y], then remove the CARD VIEWER PWB.

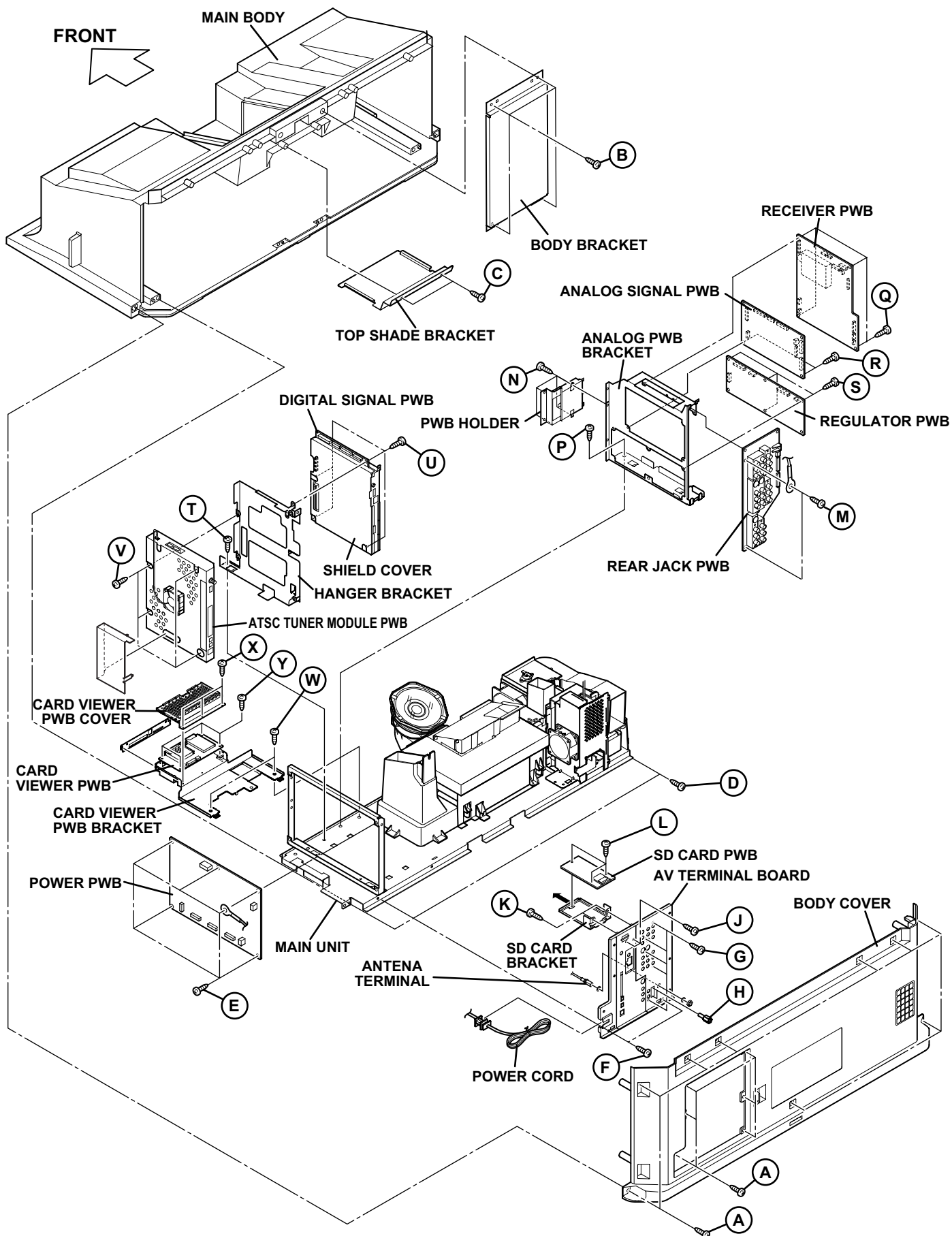


Fig.4



#### **3.1.3.11 REMOVING THE LAMP BALLAST BLOCK (Fig.5)**

- Remove the BODY COVER.
  - Remove the BODY BRACKET.
  - Remove the TOP SHADE BRACKET.
  - Remove the MAIN UNIT.
- (1) Remove the 1 screw **[A]**, then remove the LAMP BALLAST BLOCK.

#### **3.1.3.12 REMOVING THE LAMP BALLAST COOLING FAN (Fig.5)**

- Remove the BODY COVER.
  - Remove the BODY BRACKET.
  - Remove the TOP SHADE BRACKET.
  - Remove the MAIN UNIT.
  - Remove the LAMP BALLAST BLOCK.
- (1) Remove the 2 screws **[B]**, then remove the LAMP BALLAST COOLING FAN.
  - (2) Remove the 2 screws **[C]**, then remove the BALLAST COVER.
  - (3) Remove the 2 screws **[D]**, then remove the LAMP BALLAST UNIT.

#### **3.1.3.13 REMOVING THE LAMP FAN DUCT & THERMOSTAT (Fig.5)**

- Remove the BODY COVER.
  - Remove the BODY BRACKET.
  - Remove the TOP SHADE BRACKET.
  - Remove the MAIN UNIT.
  - Remove the LAMP BALLAST BLOCK.
- (1) Remove the 2 screws **[E]**, then remove the THERMOSTAT.
  - (2) Remove the 3 screws **[F]**, then remove the LAMP FAN DUCT.

#### **3.1.3.14 REMOVING THE LAMP COOLING FAN (Fig.5)**

- Remove the BODY COVER.
  - Remove the BODY BRACKET.
  - Remove the TOP SHADE BRACKET.
  - Remove the MAIN UNIT.
  - Remove the LAMP BALLAST BLOCK.
- (1) Remove the 2 screws **[G]**, then remove the LAMP FAN BRACKET ASSY.
  - (2) Remove the 2 screws **[H]**, then remove the LAMP COOLING FAN.

#### **3.1.3.15 REMOVING THE FAN CONTROL PWB (Fig.5)**

- Remove the BODY COVER.
  - Remove the BODY BRACKET.
  - Remove the TOP SHADE BRACKET.
  - Remove the MAIN UNIT.
- (1) Remove the 1 screw **[J]**, then remove the FAN CONTROL PWB.

#### **3.1.3.16 REMOVING THE REMOTE SENSOR PWB (Fig.5)**

- Remove the BODY COVER.
  - Remove the BODY BRACKET.
  - Remove the TOP SHADE BRACKET.
  - Remove the MAIN UNIT.
- (1) Remove the 1 screw **[K]**, then remove the REMOTE SENSOR PWB.

#### **3.1.3.17 REMOVING THE OPTICAL BROCK (Fig.5)**

- Remove the BODY COVER.
  - Remove the BODY BRACKET.
  - Remove the TOP SHADE BRACKET.
  - Remove the MAIN UNIT.
- (1) Remove the 2 screws **[L]**, then remove the SHADE COVER.
  - (2) Remove the 2 screws **[M]**, then remove the FRONT SHADE BRACKET.
  - (3) Remove the clip **[N]**.
  - (4) Slide the FRONT SHADE BRACKET in the direction of an arrow and remove it.
  - (5) Remove the claws on the TOP DUCT PLATE.
  - (6) Slide the TOP DUCT PLATE and remove it.
  - (7) Remove the 2 screws **[P]**, then remove the TOP DUCT.
  - (8) Remove the DEVICE SHILD.
  - (9) Remove the SHIELD TOP CASE.
  - (10) Remove the 5 screws **[Q]**, then remove the MAIN DRIVE PWB.
  - (11) Rift up the SHILD COVER and remove it.
  - (12) Remove the 1 screw **[R]**, the 2 screws **[S]** and the 3 screws **[T]**, then remove the OPTICAL BLOCK.

#### **3.1.3.18 REMOVING THE SIROCCO TOP CASE (Fig.5)**

- Remove the BODY COVER.
  - Remove the BODY BRACKET.
  - Remove the TOP SHADE BRACKET.
  - Remove the MAIN UNIT.
  - Remove the LAMP BALLAST BLOCK.
  - Remove the OPTICAL BLOCK.
- (1) Remove the 3 screws **[U]**, then remove the SIROCCO TOP CASE.

#### **3.1.3.19 REMOVING THE OPTICAL BLOCK COOLING FAN (Fig.5)**

- Remove the BODY COVER.
  - Remove the BODY BRACKET.
  - Remove the TOP SHADE BRACKET.
  - Remove the MAIN UNIT.
  - Remove the LAMP BALLAST BLOCK.
  - Remove the OPTICAL BLOCK.
  - Remove the SIROCCO TOP CASE.
- (1) Remove the 3 screws **[V]**, then remove the OPTICAL BLOCK COOLING FAN.

#### **3.1.3.20 REMOVING THE LAMP COVER SW PWB (Fig.5)**

- Remove the BODY COVER.
  - Remove the BODY BRACKET.
  - Remove the TOP SHADE BRACKET.
  - Remove the MAIN UNIT.
  - Remove the LAMP BALLAST BLOCK.
  - Remove the OPTICAL BLOCK.
  - Remove the SIROCCO TOP CASE.
- (1) Remove the 2 screws **[W]**, then remove the LAMP COVER SW PWB.

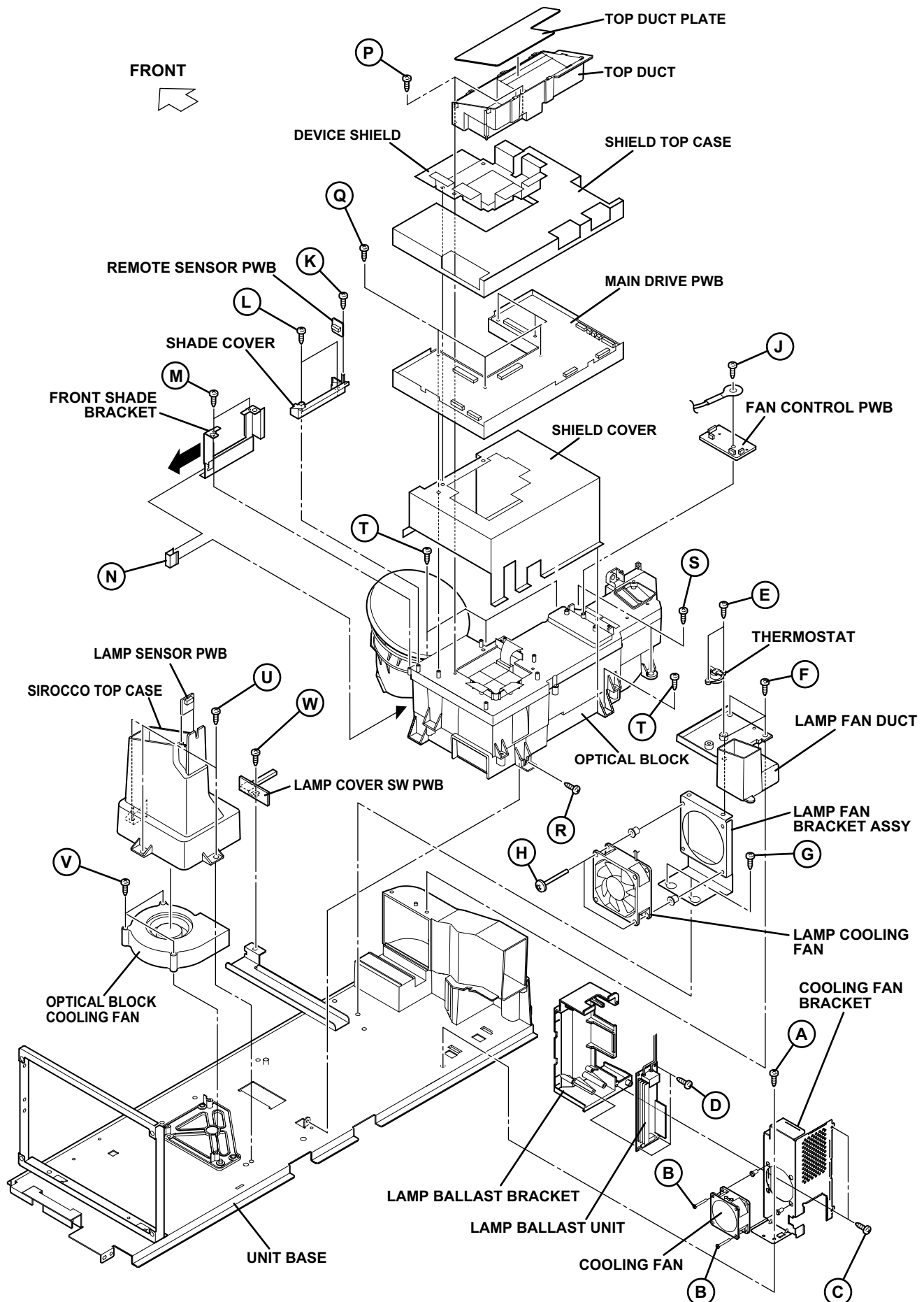


Fig.5

## 3.2 MEMORY IC REPLACEMENT

- This model uses the memory IC.
- This memory IC stores data for proper operation of the video and drive circuits.
- When replacing, be sure to use an IC containing this (initial value) data.

### 3.2.1 MEMORY IC REPLACEMENT PROCEDURE

#### 1. Power off

Switch off the power and disconnect the power plug from the AC outlet.

#### 2. Replace the memory IC

Be sure to use the memory IC written with the initial setting values.

#### 3. Power on

Connect the power plug to the AC outlet and switch on the power.

#### 4. Receiving channel setting

Refer to the OPERATING INSTRUCTIONS and set the receive channels (Channels Preset) as described.

#### 5. User setting

Check the user setting items according to the given in page later. Where these do not agree, refer to the OPERATING INSTRUCTIONS and set the items as described.

#### 6. SERVICE MODE setting

Verify what to set in the SERVICE MODE, and set whatever is necessary (Fig.1). Refer to the SERVICE ADJUSTMENT for setting.

### 3.2.2 SERVICE MODE SETTING

#### ■SERVICE MODE SCREEN

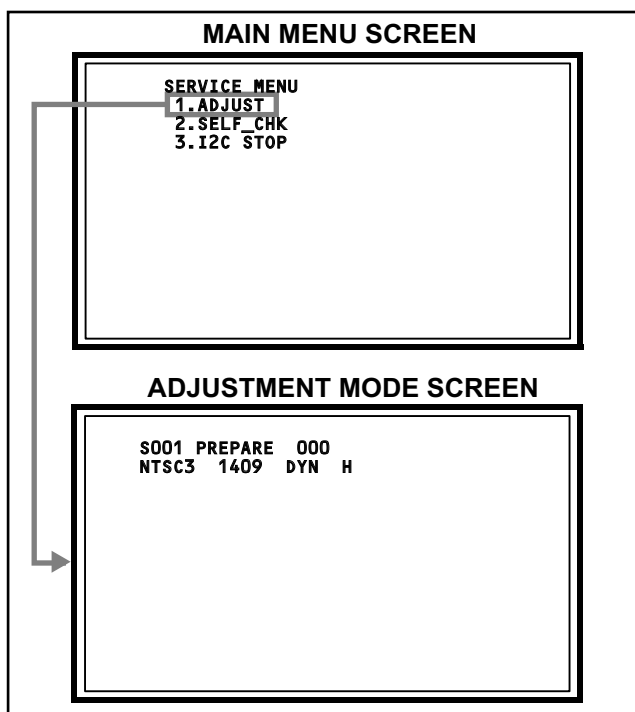


Fig.1

#### ■SETTING ITEM

| Setting items                | Settings | Item No.    |
|------------------------------|----------|-------------|
| Video system setting         | Adjust   | S001 - S039 |
| Audio system setting         | Adjust   | T001 - T010 |
| Panel control system setting | Fixed    | P001 - P010 |
| Drive system setting         | Fixed    | D001 - D187 |
| Main CPU system setting      | Fixed    | Z001 - Z010 |

### 3.2.3 SETTINGS OF FACTORY SHIPMENT

#### 3.2.3.1 BUTTON OPERATION

| Setting item | Setting position |
|--------------|------------------|
| POWER        | Off              |
| CHANNEL      | CABLE-02         |
| VOLUME       | 10               |
| INPUT        | TV               |

#### 3.2.3.2 REMOTE CONTROL DIRECT OPERATION

| Setting item | Setting position |
|--------------|------------------|
| INPUT        | TV               |
| CHANNEL      | CABLE-02         |
| VOLUME       | 10               |
| MUTING       | OFF              |
| DISPLAY      | OFF              |
| ASPECT       | NTSC             |
|              | HD               |
|              | PANORAMA         |
|              | FULL             |
| SLEEP TIMER  | OFF              |
| THEATER PRO  | OFF              |
| VIDEO STATUS | DYNAMIC          |
| MTS          | STEREO           |
| TWIN SOURCE  | LEFT SIDE        |
|              | RIGHT SIDE       |
|              | CABLE-02         |
|              | VIDEO-1          |
| SOUND EFFECT | A.H.S+           |
|              | BBE              |
|              | OFF              |
|              | ON               |
|              | SMART SOUND      |
|              | OFF              |

#### 3.2.3.3 REMOTE CONTROL MENU OPERATION

##### ■ PICTURE ADJUST

Customers can adjust the picture setting of menu screen as their own like but the picture standard value during factory shipment is as below.

##### [NTSC MODE]

| Setting item      | DYNAMIC | STANDARD | GAME | THEATER |
|-------------------|---------|----------|------|---------|
| PICTURE           | +05     | 00       | -05  | 00      |
| BRIGHT            | 00      | 00       | 00   | 00      |
| COLOR             | 00      | 00       | -03  | 00      |
| TINT              | 00      | 00       | 00   | 00      |
| DETAIL            | +05     | 00       | 00   | 00      |
| COLOR TEMPERATURE | HIGH    | LOW      | HIGH | HIGH    |
| DIG. NOISE CLEAR  | OFF     | OFF      | OFF  | OFF     |
| NATURAL CINEMA    | AUTO    | AUTO     | AUTO | AUTO    |
| COLOR MANAGEMENT  | ON      | ON       | ON   | ON      |
| DYNAMIC GAMMA     | ON      | ON       | ON   | ON      |
| SMART PICTURE     | ON      | ON       | ON   | ON      |

##### [HD MODE]

| Setting item      | DYNAMIC | STANDARD | GAME | THEATER |
|-------------------|---------|----------|------|---------|
| PICTURE           | +05     | 00       | -05  | 00      |
| BRIGHT            | 00      | 00       | 00   | 00      |
| COLOR             | 00      | 00       | -03  | 00      |
| TINT              | 00      | 00       | 00   | 00      |
| DETAIL            | +05     | 00       | 00   | 00      |
| COLOR TEMPERATURE | HIGH    | LOW      | HIGH | LOW     |
| DIG. NOISE CLEAR  | OFF     | OFF      | OFF  | OFF     |
| NATURAL CINEMA    | AUTO    | AUTO     | AUTO | AUTO    |
| COLOR MANAGEMENT  | ON      | ON       | ON   | ON      |
| DYNAMIC GAMMA     | ON      | ON       | ON   | ON      |
| SMART PICTURE     | ON      | ON       | ON   | ON      |

##### ■ SOUND ADJUST

| Setting item | Setting position |
|--------------|------------------|
| BASS         | 00               |
| TREBLE       | 00               |
| BALANCE      | 00               |

##### ■ CLOCK / TIMERS

| Setting item   | Setting position |
|----------------|------------------|
| ON / OFF TIMER | NO               |

##### ■ INITIAL SETUP

| Setting item        | Setting position |
|---------------------|------------------|
| VIDEO-1MONITOR OUT  | OFF              |
| TV SPEAKER          | ON               |
| AUDIO OUT           | FIX              |
| DIGITAL-IN          | SIZE 1           |
| DIGITAL-IN AUDIO    | DIGITAL          |
| CENTER CH INPUT     | OFF              |
| NOISE MUTING        | ON               |
| FRONT PANEL LOCK    | OFF              |
| V1 SMART INPUT      | OFF              |
| VIDEO INPUT LABEL   | All blank        |
| POSITION ADJUSTMENT | Center           |
| POWER INDICATOR     | HIGH             |
| LANGUAGE            | ENG.             |
| CLOSED CAPTION      | OFF              |
| AUTO SHUT OFF       | OFF              |
| XDS ID              | ON               |
| V-CHIP              | OFF              |
| AUTO DEMO           | OFF              |

### 3.3 REPLACEMENT OF CHIP COMPONENT

#### 3.3.1 CAUTIONS

- (1) Avoid heating for more than 3 seconds.
- (2) Do not rub the electrodes and the resist parts of the pattern.
- (3) When removing a chip part, melt the solder adequately.
- (4) Do not reuse a chip part after removing it.

#### 3.3.2 SOLDERING IRON

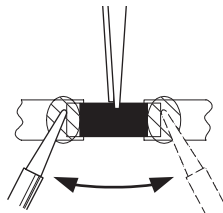
- (1) Use a high insulation soldering iron with a thin pointed end of it.
- (2) A 30w soldering iron is recommended for easily removing parts.

#### 3.3.3 REPLACEMENT STEPS

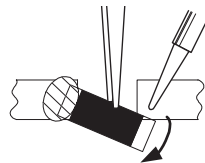
##### 1. How to remove Chip parts

[Resistors, capacitors, etc.]

- (1) As shown in the figure, push the part with tweezers and alternately melt the solder at each end.



- (2) Shift with the tweezers and remove the chip part.

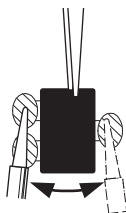


[Transistors, diodes, variable resistors, etc.]

- (1) Apply extra solder to each lead.



- (2) As shown in the figure, push the part with tweezers and alternately melt the solder at each lead. Shift and remove the chip part.



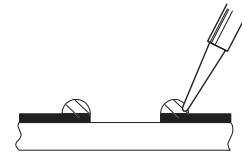
#### NOTE :

After removing the part, remove remaining solder from the pattern.

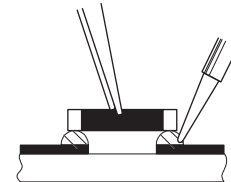
##### 2. How to install Chip parts

[Resistors, capacitors, etc.]

- (1) Apply solder to the pattern as indicated in the figure.

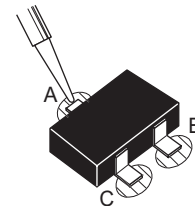


- (2) Grasp the chip part with tweezers and place it on the solder. Then heat and melt the solder at both ends of the chip part.

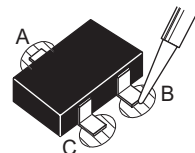


[Transistors, diodes, variable resistors, etc.]

- (1) Apply solder to the pattern as indicated in the figure.
- (2) Grasp the chip part with tweezers and place it on the solder.
- (3) First solder lead **A** as indicated in the figure.



- (4) Then solder leads **B** and **C**.



## SECTION 4 ADJUSTMENT

### 4.1 ADJUSTMENT PREPARATION

- (1) There are 2 ways of adjusting this TV : One is with the **REMOTE CONTROL UNIT** and the other is the conventional method using adjustment parts and components.
- (2) The adjustment using the **REMOTE CONTROL UNIT** is made on the basis of the initial setting values. The setting values which adjust the screen to the optimum condition can be different from the initial setting values.
- (3) Make sure that connection is correctly made AC to AC power source.
- (4) Turn on the power of the TV and measuring instruments for warning up for at least 30 minutes before starting adjustments.
- (5) If the receive or input signal is not specified, use the most appropriate signal for adjustment.
- (6) Never touch the parts (such as variable resistors, transformers and condensers) not shown in the adjustment items of this service adjustment.

### 4.2 PRESET SETTING BEFORE ADJUSTMENTS

Unless otherwise specified in the adjustment items, preset the following functions with the **REMOTE CONTROL UNIT**.

| Setting item        | Settings |
|---------------------|----------|
| VIDEO STATUS        | STANDARD |
| Picture adjustments | 00       |
| COLOR TEMPERATURE   | LOW      |
| DIG. NOISE CLEAR    | OFF      |
| COLOR MANAGEMENT    | ON       |
| DYNAMIC GAMMA       | ON       |
| NATURAL CINEMA      | AUTO     |
| Sound adjustments   | 00       |
| BBE                 | OFF      |
| A.H.S               | OFF      |
| ASPECT              | FULL     |

### 4.3 MEASURING INSTRUMENT AND FIXTURES

- Oscilloscope
- Signal generator (Pattern generator)  
[NTSC / 525i / 525p / 750p / 1125i]
- Hexagon wrench
- TV audio multiplex signal generator
- Remote control unit

### 4.4 ADJUSTMENT ITEMS

#### ■ FOCUS

- LENS FOCUS adjustment

#### ■ DRIVE CIRCUIT

- DRIVE CONVERGENCE adjustment
- DRIVE CENTER POSITION adjustment

#### ■ VIDEO CIRCUIT

- 525i A-D OFFSET adjustment
- 1125i BRIGHTNESS adjustment
- 1125i A-D OFFSET adjustment
- SUB SCREEN A-D OFFSET adjustment
- WHITE BALANCE (HIGHLIGHT) adjustment

#### ■ MTS CIRCUIT

- MTS INPUT LEVEL adjustment
- MTS SEPARATION adjustment

## 4.5 BASIC OPERATION OF SERVICE MODE

### 4.5.1 HOW TO ENTER THE SERVICE MODE

- (1) Set to 0 minutes using the **[SLEEP TIMER]** key.
- (2) Press the **[VIDEO STATUS]** key and **[DISPLAY]** key simultaneously, then enter the SERVICE MODE (Fig.1)

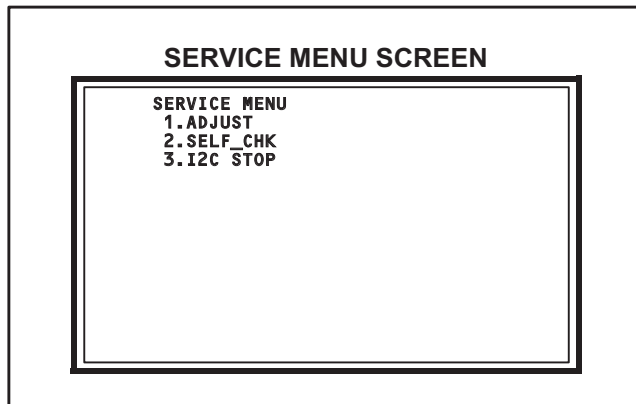


Fig.1

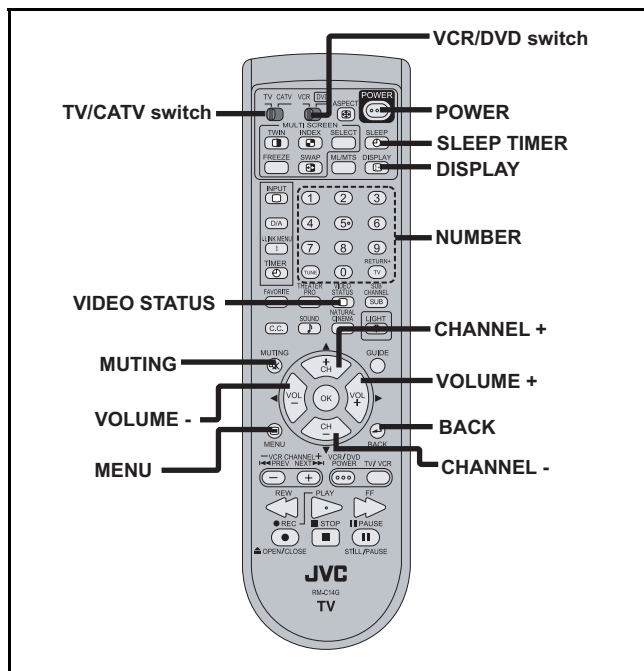
#### NOTE:

- Before entering the SERVICE MODE, confirm that the setting of **TV/CATV** switch of the REMOTE CONTROL UNIT is at the "TV" side and the setting of **VCR/DVD** switch is at the "VCR" side. If the switches have not been properly set, you cannot enter the SERVICE MODE.
- When a number key other than the **[1]** or **[9]** keys is pressed in the SERVICE MENU SCREEN, the other relevant screen may be displayed. This is not used in the adjustment procedure. Press the **[MENU]** key to return to the SERVICE MENU SCREEN.

### 4.5.2 HOW TO EXIT THE SERVICE MODE

Press the **[BACK]** key to exit the Service mode.

### 4.5.3 SERVICE MODE SELECT KEY LOCATION



### 4.5.4 ADJUSTMENT MODE

This mode is used to adjust the VIDEO CIRCUIT and the MTS CIRCUIT.

#### 4.5.4.1 HOW TO ENTER THE ADJUSTMENT MODE

When the SERVICE MENU SCREEN of SERVICE MODE is displayed, press **[1]** key to enter the **ADJUSTMENT MODE** (Fig.2).

#### 4.5.4.2 DESCRIPTION OF STATUS DISPLAY OF ADJUSTMENT MODE

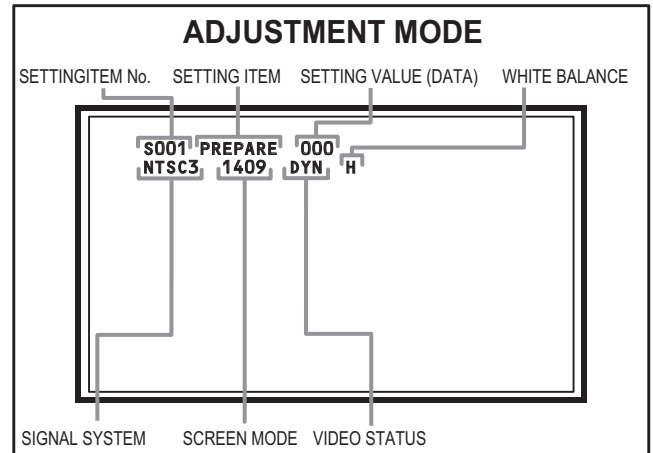


Fig.2

#### (1) SIGNAL SYSTEM

The signal displayed on the screen is displayed.

|        |                                    |
|--------|------------------------------------|
| NTSC3  | : 525i (Composite / S-video input) |
| 525I   | : 525i (Component input)           |
| 525P   | : 525p                             |
| 1125I6 | : 1125i                            |
| 750P   | : 750p                             |
| H525I  | : HDMI 525i                        |
| H525P  | : HDMI 525p                        |
| H125I6 | : HDMI 1125i                       |
| H750P  | : HDMI 750p                        |
| PCVGA  | : PC VGA                           |
| PCXGA  | : PC XGA                           |
| D525I  | : Digital 525i                     |
| D525P  | : Digital 525p                     |
| D125I6 | : Digital 1125i                    |

#### (2) SCREEN MODE

State of the SCREEN SIZE or MULTI PICTURE is displayed.

##### SINGLE SCREEN

|      |                         |
|------|-------------------------|
| FULL | : FULL                  |
| 1609 | : CINEMA, CINEMA ZOOM   |
| PANO | : PANORAMA, HD PANORAMA |
| REGU | : REGULAR               |

##### MULTI SCREEN

|     |                       |
|-----|-----------------------|
| M2  | : TWIN, FREEZE screen |
| M12 | : INDEX screen        |

### (3) VIDEO STATUS

STD : STANDARD  
DYN : DYNAMIC  
TH : THEATER  
GAME : GAME

### (4) WHITE BALANCE

H : HIGH  
L : LOW

### (5) SETTING ITEM NAME

Setting item name are displayed. The setting item numbers to be displayed are listed below.

| Item No.    | Setting item                 |
|-------------|------------------------------|
| S001 - S039 | Video system setting         |
| T001 - T010 | Audio system setting         |
| P001 - P010 | Panel control system setting |
| D001 - D187 | Drive system setting         |
| Z001 - Z010 | Main CPU system setting      |

### (6) SETTING ITEM NO.

Setting item numbers are displayed. For the setting item names to be displayed, refer to "Initial setting value of adjustment mode".

### (7) SETTING VALUE (DATA)

The SETTING VALUE is displayed.

#### 4.5.4.3 CHANGE AND MEMORY OF SETTING VALUE

##### ■SELECTION OF SETTING ITEM

- **[CH+] / [CH-]** key.  
Change the setting items up/ down.

S001... ↔ T001... ↔ P001... ↔ D001... ↔ Z001...

- **[SLEEP TIMER]** key.  
Switches to the next items.

S001 → T001 → P001 → D001 → Z001

##### ■CHANGE OF SETTING VALUE (DATA)

- **[VOL+] / [VOL-]** key.  
Change the setting values up/down.

##### ■MEMORY OF SETTING VALUE (DATA)

Changed setting value is memorized by pressing **[MUTING]** key.

#### 4.5.5 RGB BOX PATTERN MODE

This mode is used to adjust the DRIVE CIRCUIT.

##### 4.5.5.1 HOW TO ENTER THE RGB BOX PATTERN MODE

When the SERVICE MENU SCREEN of SERVICE MODE is displayed, press **[9]** key to enter the **RGB BOX PATTERN MODE (Fig3)**.

##### 4.5.5.2 DESCRIPTION OF STATUS DISPLAY OF RGB BOX PATTERN MODE

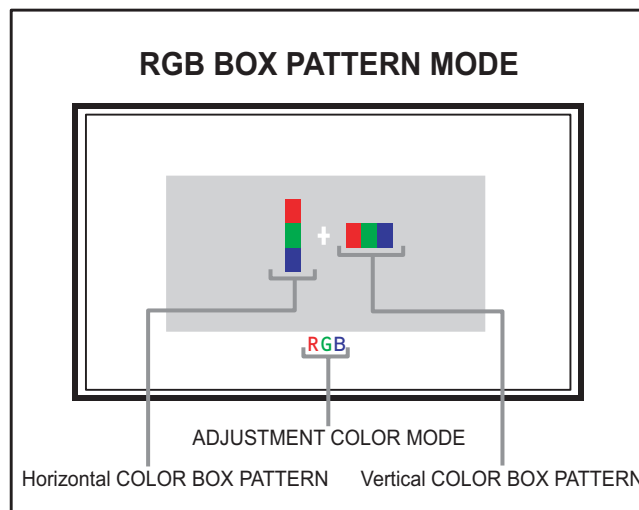


Fig.3

##### (1) COLOR BOX PATTERN

The COLOR BOX PATTERN of each RGB color is displayed.

##### (2) ADJUSTMENT COLOR MODE

Presently selected ADJUSTMENT COLOR MODE is displayed.

##### ■SELECTION OF SETTING ITEM

- **[CH+] / [CH-]** key.  
Move the selected COLOR BOX PATTERN up/ down pixel by pixel.
- **[VOL+] / [VOL-]** key.  
Move the selected COLOR BOX PATTERN left/ right pixel by pixel.
- **[SLEEP TIMER]** key.  
Adjusts the data reset.
- **[DISPLAY]** key.  
Adjusts the selected COLOR BOX PATTERN.

R → B → RGB

- **[BACK]** key.  
Returns to the SERVICE MENU SCREEN from the RGB BOX PATTERN MODE.

##### ■MEMORY OF SETTING VALUE (DATA)

With the RGB BOX PATTERN MODE, the changed date is written in the MEMORY instantly.



#### 4.6 INITIAL SETTING VALUES IN THE SERVICE MODE

- Perform fine-tuning based on the "initial values" using the remote control when in the Service mode.
- The "initial values" serve only as an indication rough standard and therefore the values with which optimal display can be achieved may be different from the default values. But, don't change the values that are not written in "ADJUSTMENT PROCEDURE". They are fixed values.

##### 4.6.1 VIDEO SYSTEM SETTING

| Item No. | Item          | Variable range | Setting value |
|----------|---------------|----------------|---------------|
| S001     | PREPARE       | 000 - 031      | 000           |
| S002     | NTSC BL       | 000 - 015      | 000           |
| S003     | NTSC CNT      | 000 - 255      | 033           |
| S004     | NT CR OF      | 000 - 015      | 006           |
| S005     | NT CB OF      | 000 - 015      | 006           |
| S006     | 525i BL       | 000 - 015      | 000           |
| S007     | 525i CNT      | 000 - 255      | 033           |
| S008     | 5i CB OF      | 000 - 015      | 000           |
| S009     | 5i CR OF      | 000 - 015      | 000           |
| S010     | 5i CR GN      | 000 - 015      | 006           |
| S011     | 5i CB GN      | 000 - 015      | 006           |
| S012     | HD BL         | 000 - 063      | 057           |
| S013     | HD CB OF      | 000 - 063      | 054           |
| S014     | HD CR OF      | 000 - 063      | 055           |
| S015     | RT CONT       | 000 - 015      | 007           |
| S016     | RT CB OF      | 000 - 015      | 002           |
| S017     | RT CR OF      | 000 - 015      | 002           |
| S018     | RT CL GA      | 000 - 015      | 004           |
| S019     | PC CL MB      | 000 - 007      | 000           |
| S020     | PC CL LB      | 000 - 031      | 000           |
| S021     | PC CL MR      | 000 - 007      | 000           |
| S022     | PC CL LR      | 000 - 031      | 000           |
| S023     | (Not display) | 000 - 255      | 000           |
| S024     | (Not display) | 000 - 255      | 000           |
| S025     | (Not display) | 000 - 255      | 000           |
| S026     | (Not display) | 000 - 255      | 000           |
| S027     | (Not display) | 000 - 255      | 000           |
| S028     | (Not display) | 000 - 255      | 000           |
| S029     | (Not display) | 000 - 255      | 000           |
| S030     | R DRIVE       | 000 - 255      | 136           |
| S031     | G DRIVE       | 000 - 255      | 135           |
| S032     | B DRIVE       | 000 - 255      | 132           |
| S033     | (Not display) | 000 - 255      | 000           |
| S034     | (Not display) | 000 - 255      | 000           |
| S035     | (Not display) | 000 - 255      | 000           |
| S036     | (Not display) | 000 - 255      | 000           |
| S037     | (Not display) | 000 - 255      | 000           |
| S038     | (Not display) | 000 - 255      | 000           |
| S039     | ILA COM       | 000 - 001      | 000           |

##### 4.6.2 AUDIO SYSTEM SETTING

| Item No. | Item          | Variable range | Setting value |
|----------|---------------|----------------|---------------|
| T001     | IN LEVEL      | 000 - 015      | 007           |
| T002     | LOW SEP       | 000 - 063      | 035           |
| T003     | HIGH SEP      | 000 - 063      | 024           |
| T004     | AFC           | 000 - 255      | 000           |
| T005     | (Not display) | 000 - 255      | 000           |
| T006     | ATT V ON      | 000 - 001      | 000           |
| T007     | ATT U ON      | 000 - 001      | 000           |
| T008     | ATT C ON      | 000 - 001      | 000           |
| T009     | (Not display) | 000 - 255      | 000           |
| T010     | (Not display) | 000 - 255      | 000           |

##### 4.6.3 PANEL CONTROL SYSTEM SETTING (Fixed values)

| Item No. | Item          | Variable range | Setting value |
|----------|---------------|----------------|---------------|
| P001     | TM HOR H      | 00 - FF        | 00            |
| P002     | TM HOR L      | 00 - FF        | 00            |
| P003     | TM MIN        | 00 - FF        | 39            |
| P004     | TEMP          | 000 - 255      | 000           |
| P005     | (Not display) | 000 - 255      | 000           |
| P006     | (Not display) | 000 - 255      | 000           |
| P007     | (Not display) | 000 - 255      | 000           |
| P008     | (Not display) | 000 - 255      | 000           |
| P009     | (Not display) | 000 - 255      | 000           |
| P010     | (Not display) | 000 - 255      | 000           |

##### 4.6.4 DRIVE SYSTEM SETTING (Fixed values)

| Item No. | Item     | Variable range | Setting value |
|----------|----------|----------------|---------------|
| D001     | SLV GN   | 00 - 3F        | 20            |
| D002     | SLVH GN  | 00 - 3F        | 20            |
| D003     | SLH GN   | 00 - 3F        | 20            |
| D004     | SLV Pf   | 00 - 03        | 01            |
| D005     | SLH Pf H | 00 - 01        | 01            |
| D006     | SLH Pf L | 00 - 03        | 03            |
| D007     | SL EGCON | 00 - 3F        | 04            |
| D008     | SL EGONF | 00 - 01        | 01            |
| D009     | SL CRGON | 00 - 3F        | 05            |
| D010     | SL CRGON | 00 - 01        | 01            |
| D011     | SL ON OF | 00 - 01        | 01            |
| D012     | SV GN    | 00 - 3F        | 18            |
| D013     | SVH GN   | 00 - 3F        | 13            |
| D014     | SH GN    | 00 - 3F        | 2F            |
| D015     | SV Pf    | 00 - 03        | 02            |
| D016     | SV PfH   | 00 - 01        | 01            |
| D017     | SV PfL   | 00 - 03        | 02            |
| D018     | SYL CON  | 00 - 3F        | 30            |
| D019     | SYL CONF | 00 - 01        | 01            |

| Item No. | Item          | Variable range | Setting value |
|----------|---------------|----------------|---------------|
| D020     | SYH CON       | 00 - 3F        | 18            |
| D021     | SYH CONF      | 00 - 01        | 01            |
| D022     | SC CON        | 00 - 3F        | 36            |
| D023     | SC CNONF      | 00 - 01        | 01            |
| D024     | SPM BLC       | 00 - 3F        | 0C            |
| D025     | SPM BLCO      | 00 - 01        | 01            |
| D026     | SLIM          | 00 - 3F        | 25            |
| D027     | SLIMONF       | 00 - 01        | 01            |
| D028     | SCRG          | 00 - 3F        | 08            |
| D029     | SRGONF        | 00 - 01        | 01            |
| D030     | S ONF         | 00 - 01        | 01            |
| D031     | pb GN         | 00 - 3F        | 15            |
| D032     | pb PfH        | 00 - 01        | 00            |
| D033     | pb PfL        | 00 - 03        | 03            |
| D034     | pb CRG        | 00 - 3F        | 04            |
| D035     | pb CRGON      | 00 - 01        | 01            |
| D036     | pb ONF        | 00 - 01        | 01            |
| D037     | pr GN         | 00 - 3F        | 15            |
| D038     | pr PfH        | 00 - 01        | 00            |
| D039     | pr PfL        | 00 - 03        | 03            |
| D040     | pr CRG        | 00 - 3F        | 04            |
| D041     | pr CRGON      | 00 - 01        | 00            |
| D042     | pr ONF        | 00 - 01        | 01            |
| D043     | ENH ONF       | 00 - 01        | 01            |
| D044     | (Not display) | 00 - FF        | 00            |
| D045     | (Not display) | 00 - FF        | 00            |
| D046     | (Not display) | 00 - FF        | 00            |
| D047     | (Not display) | 00 - FF        | 00            |
| D048     | (Not display) | 00 - FF        | 00            |
| D049     | (Not display) | 00 - FF        | 00            |
| D050     | (Not display) | 00 - FF        | 00            |
| D051     | (Not display) | 00 - FF        | 00            |
| D052     | (Not display) | 00 - FF        | 00            |
| D053     | (Not display) | 00 - FF        | 00            |
| D054     | (Not display) | 00 - FF        | 00            |
| D055     | (Not display) | 00 - FF        | 00            |
| D056     | (Not display) | 00 - FF        | 00            |
| D057     | (Not display) | 00 - FF        | 00            |
| D058     | (Not display) | 00 - FF        | 00            |
| D059     | (Not display) | 00 - FF        | 00            |
| D060     | (Not display) | 00 - FF        | 00            |
| D061     | (Not display) | 00 - FF        | 00            |
| D062     | (Not display) | 00 - FF        | 00            |
| D063     | (Not display) | 00 - FF        | 00            |
| D064     | (Not display) | 00 - FF        | 00            |
| D065     | (Not display) | 00 - FF        | 00            |
| D066     | (Not display) | 00 - FF        | 00            |
| D067     | (Not display) | 00 - FF        | 00            |
| D068     | (Not display) | 00 - FF        | 00            |
| D069     | (Not display) | 00 - FF        | 00            |

| Item No. | Item          | Variable range | Setting value |
|----------|---------------|----------------|---------------|
| D070     | (Not display) | 00 - FF        | 00            |
| D071     | (Not display) | 00 - FF        | 00            |
| D072     | (Not display) | 00 - FF        | 00            |
| D073     | (Not display) | 00 - FF        | 00            |
| D074     | (Not display) | 00 - FF        | 00            |
| D075     | (Not display) | 00 - FF        | 00            |
| D076     | (Not display) | 00 - FF        | 00            |
| D077     | (Not display) | 00 - FF        | 00            |
| D078     | (Not display) | 00 - FF        | 00            |
| D079     | (Not display) | 00 - FF        | 00            |
| D080     | (Not display) | 00 - FF        | 00            |
| D081     | (Not display) | 00 - FF        | 00            |
| D082     | (Not display) | 00 - FF        | 00            |
| D083     | (Not display) | 00 - FF        | 00            |
| D084     | (Not display) | 00 - FF        | 00            |
| D085     | (Not display) | 00 - FF        | 00            |
| D086     | (Not display) | 00 - FF        | 00            |
| D087     | (Not display) | 00 - FF        | 00            |
| D088     | (Not display) | 00 - FF        | 00            |
| D089     | (Not display) | 00 - FF        | 00            |
| D090     | (Not display) | 00 - FF        | 00            |
| D091     | (Not display) | 00 - FF        | 00            |
| D092     | (Not display) | 00 - FF        | 00            |
| D093     | (Not display) | 00 - FF        | 00            |
| D094     | (Not display) | 00 - FF        | 00            |
| D095     | (Not display) | 00 - FF        | 00            |
| D096     | (Not display) | 00 - FF        | 00            |
| D097     | (Not display) | 00 - FF        | 00            |
| D098     | (Not display) | 00 - FF        | 00            |
| D099     | (Not display) | 00 - FF        | 00            |
| D100     | (Not display) | 00 - FF        | 00            |
| D101     | (Not display) | 00 - FF        | 00            |
| D102     | (Not display) | 00 - FF        | 00            |
| D103     | (Not display) | 00 - FF        | 00            |
| D104     | (Not display) | 00 - FF        | 00            |
| D105     | (Not display) | 00 - FF        | 00            |
| D106     | (Not display) | 00 - FF        | 00            |
| D107     | (Not display) | 00 - FF        | 00            |
| D108     | (Not display) | 00 - FF        | 00            |
| D109     | (Not display) | 00 - FF        | 00            |
| D110     | (Not display) | 00 - FF        | 00            |
| D111     | (Not display) | 00 - FF        | 00            |
| D112     | (Not display) | 00 - FF        | 00            |
| D113     | (Not display) | 00 - FF        | 00            |
| D114     | (Not display) | 00 - FF        | 00            |
| D115     | (Not display) | 00 - FF        | 00            |
| D116     | (Not display) | 00 - FF        | 00            |
| D117     | (Not display) | 00 - FF        | 00            |
| D118     | (Not display) | 00 - FF        | 00            |
| D119     | (Not display) | 00 - FF        | 00            |

| Item No. | Item          | Variable range | Setting value |
|----------|---------------|----------------|---------------|
| D120     | (Not display) | 00 - FF        | 00            |
| D121     | (Not display) | 00 - FF        | 00            |
| D122     | (Not display) | 00 - FF        | 00            |
| D123     | (Not display) | 00 - FF        | 00            |
| D124     | (Not display) | 00 - FF        | 00            |
| D125     | (Not display) | 00 - FF        | 00            |
| D126     | (Not display) | 00 - FF        | 00            |
| D127     | (Not display) | 00 - FF        | 00            |
| D128     | (Not display) | 00 - FF        | 00            |
| D129     | (Not display) | 00 - FF        | 00            |
| D130     | (Not display) | 00 - FF        | 00            |
| D131     | (Not display) | 00 - FF        | 00            |
| D132     | (Not display) | 00 - FF        | 00            |
| D133     | (Not display) | 00 - FF        | 00            |
| D134     | (Not display) | 00 - FF        | 00            |
| D135     | (Not display) | 00 - FF        | 00            |
| D136     | (Not display) | 00 - FF        | 00            |
| D137     | (Not display) | 00 - FF        | 00            |
| D138     | (Not display) | 00 - FF        | 00            |
| D139     | (Not display) | 00 - FF        | 00            |
| D140     | (Not display) | 00 - FF        | 00            |
| D141     | (Not display) | 00 - FF        | 00            |
| D142     | (Not display) | 00 - FF        | 00            |
| D143     | (Not display) | 00 - FF        | 00            |
| D144     | (Not display) | 00 - FF        | 00            |
| D145     | (Not display) | 00 - FF        | 00            |
| D146     | (Not display) | 00 - FF        | 00            |
| D147     | (Not display) | 00 - FF        | 00            |
| D148     | (Not display) | 00 - FF        | 00            |
| D149     | (Not display) | 00 - FF        | 00            |
| D150     | (Not display) | 00 - FF        | 00            |
| D151     | (Not display) | 00 - FF        | 00            |
| D152     | (Not display) | 00 - FF        | 00            |
| D153     | (Not display) | 00 - FF        | 00            |
| D154     | (Not display) | 00 - FF        | 00            |
| D155     | (Not display) | 00 - FF        | 00            |
| D156     | (Not display) | 00 - FF        | 00            |
| D157     | (Not display) | 00 - FF        | 00            |
| D158     | (Not display) | 00 - FF        | 00            |
| D159     | (Not display) | 00 - FF        | 00            |
| D160     | (Not display) | 00 - FF        | 00            |
| D161     | (Not display) | 00 - FF        | 00            |
| D162     | (Not display) | 00 - FF        | 00            |
| D163     | (Not display) | 00 - FF        | 00            |
| D164     | (Not display) | 00 - FF        | 00            |
| D165     | (Not display) | 00 - FF        | 00            |
| D166     | (Not display) | 00 - FF        | 00            |
| D167     | (Not display) | 00 - FF        | 00            |
| D168     | (Not display) | 00 - FF        | 00            |
| D169     | (Not display) | 00 - FF        | 00            |

| Item No. | Item          | Variable range | Setting value |
|----------|---------------|----------------|---------------|
| D170     | (Not display) | 00 - FF        | 00            |
| D171     | (Not display) | 00 - FF        | 00            |
| D172     | (Not display) | 00 - FF        | 00            |
| D173     | (Not display) | 00 - FF        | 00            |
| D174     | (Not display) | 00 - FF        | 00            |
| D175     | (Not display) | 00 - FF        | 00            |
| D176     | (Not display) | 00 - FF        | 00            |
| D177     | (Not display) | 00 - FF        | 00            |
| D178     | (Not display) | 00 - FF        | 00            |
| D179     | (Not display) | 00 - FF        | 00            |
| D180     | (Not display) | 00 - FF        | 00            |
| D181     | (Not display) | 00 - FF        | 00            |
| D182     | (Not display) | 00 - FF        | 00            |
| D183     | (Not display) | 00 - FF        | 00            |
| D184     | (Not display) | 00 - FF        | 00            |
| D185     | (Not display) | 00 - FF        | 00            |
| D186     | (Not display) | 00 - FF        | 00            |
| D187     | (Not display) | 00 - FF        | 00            |

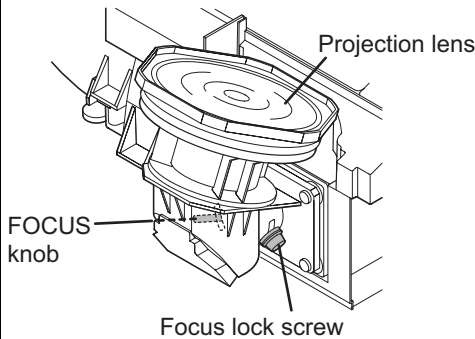
#### 4.6.5 MAIN CPU SYSTEM SETTING (Fixed values)

| Item No. | Item          | Variable range | Setting value |
|----------|---------------|----------------|---------------|
| Z001     | (Not display) | 00 - FF        | 00            |
| Z002     | (Not display) | 00 - FF        | 00            |
| Z003     | (Not display) | 00 - FF        | 00            |
| Z004     | (Not display) | 00 - FF        | 00            |
| Z005     | (Not display) | 00 - FF        | 00            |
| Z006     | (Not display) | 00 - FF        | 00            |
| Z007     | (Not display) | 00 - FF        | 00            |
| Z008     | (Not display) | 00 - FF        | 00            |
| Z009     | (Not display) | 00 - FF        | 00            |
| Z010     | (Not display) | 00 - FF        | 00            |

## 4.7 ADJUSTMENT PROCEDURE

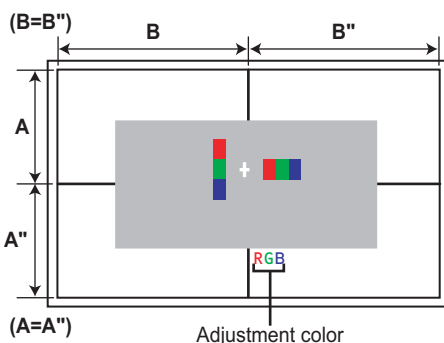
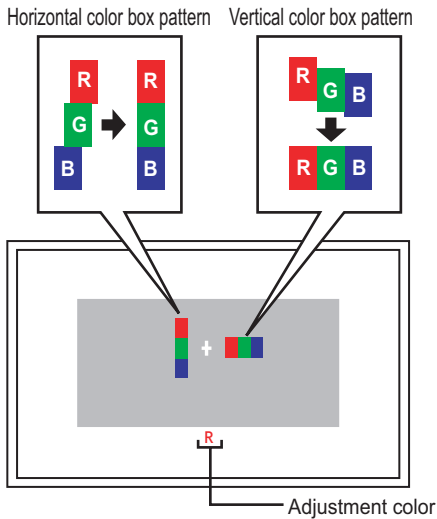
### 4.7.1 FOCUS

| Item              | Measuring instrument | Test point | Adjustment part                 | Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|-------------------|----------------------|------------|---------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>LENS FOCUS</b> | Hexagon wrench       |            | FOCUS knob<br>[PROJECTION LENS] | <ol style="list-style-type: none"> <li>(1) Remove the FRONT PANEL, SPEAKER GRILL, CENTER PANEL and cushions.</li> <li>(2) Display the MENU screen.</li> <li>(3) Loosen the FOCUS LOCK screw.</li> <li>(4) Adjust the FOCUS knob so that the center screen may become the best focus.</li> <li>(5) Fix the focus lock screw by using the Hexagon wrench. <ul style="list-style-type: none"> <li>• On this occasion, hold the FOCUS knob with your left hand.</li> </ul> </li> <li>(6) Confirm the whole focus of the best screen.</li> <li>(7) Install the FRONT PANEL, SPEAKER GRILL, BODY COVER and cushions.</li> </ol> |

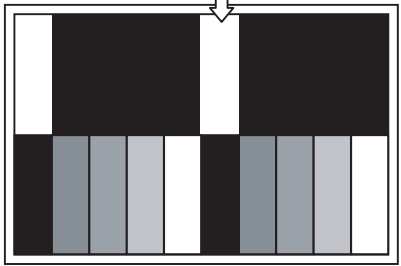
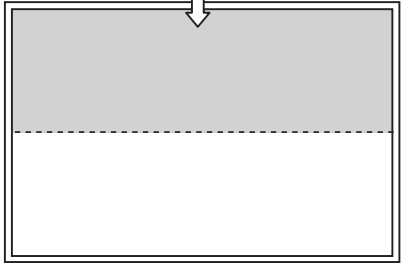


### 4.7.2 DRIVE CIRCUIT

| Item                         | Measuring instrument                    | Test point | Adjustment part     | Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|------------------------------|-----------------------------------------|------------|---------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>DRIVE CONVERGENCE</b>     | Remote control unit                     |            | [9.RGB BOX PATTERN] | <ol style="list-style-type: none"> <li>(1) Select "RGB BOX PATTERN MODE" from the SERVICE MODE.</li> <li>(2) Set the adjustment color mode to "R" to set the red color adjustment mode.</li> <li>(3) Adjust the red box pattern in the vertical color box pattern horizontally with the green box pattern.</li> <li>(4) Adjust the red box pattern in the vertical color box pattern vertically with the green box pattern.</li> <li>(5) Set the adjustment color mode to "B" to set the blue color adjustment mode.</li> <li>(6) Adjust the blue box pattern in the vertical color box pattern horizontally with the green box pattern.</li> <li>(7) Adjust the blue box pattern in the vertical color box pattern vertically with the green box pattern.</li> <li>(8) Check to see that the cross pattern is white. If the cross pattern is not white, repeat the step 3. to 8. as above.</li> </ol> <p><b>NOTE:</b></p> <ul style="list-style-type: none"> <li>• The green box pattern is a fixed. (It can not be removed.)</li> <li>• With this adjustment mode, the changed data is written in the MEMORY instantly.</li> </ul> |
| <b>DRIVE CENTER POSITION</b> | Remote control unit<br>Signal generator |            | [9.RGB BOX PATTERN] | <ol style="list-style-type: none"> <li>(1) Receive a center cross signal pattern.</li> <li>(2) Select "RGB BOX PATTERN MODE" from the SERVICE MODE.</li> <li>(3) Set the adjustment color mode to "RGB" to set the display position adjustment mode.</li> <li>(4) Adjust the top and the bottom width to make <b>A</b> and <b>A''</b> even.</li> <li>(5) Adjust the left and the right width to make <b>B</b> and <b>B''</b> even.</li> </ol> <p><b>NOTE:</b></p> <ul style="list-style-type: none"> <li>• With this adjustment mode, the changed data is written in the MEMORY instantly.</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |

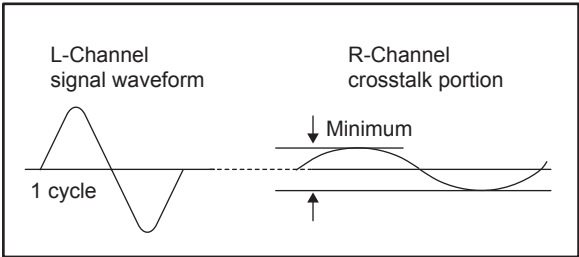


#### 4.7.3 VIDEO CIRCUIT

| Item                                                                                                                                                         | Measuring instrument                        | Test point | Adjustment part                                                                                                                                                                                                                      | Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------|------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>525i A-D OFFSET</b>                                                                                                                                       | Remote control unit<br><br>Signal generator |            | [1.ADJUST]<br>S001: PREPARE<br>(Adjustment setting mode change)<br><br>S008: 5i CB OF(525i cb offset)<br>S009: 5i CR OF(525i cr offset)<br><br>S030: R DRIVE(Red drive)<br>S031: G DRIVE(Green drive)<br>S032: B DRIVE(Blue drive)   | (1) Receive a 525i component ramp pattern signal.<br>(2) Set "VIDEO STATUS" to STANDARD.<br>(3) Set "ASPECT" to FULL.<br>(4) Set "COLOR TEMPERATURE" to LOW.<br>(5) Select "1.ADJUST" from the SERVICE MODE.<br>(6) Set < S030 > (R DRIVE), < S031> (G DRIVE) and < S032 > (B DRIVE) to "128".<br>(7) Set < S001 >(adjustment setting mode change) to set "008" and it change to the 525i A-D offset adjustment setting mode.<br>(8) Adjust < S008 > (525i Cb offset) and < S009 > (525i Cr offset) to lose the gap (red line, green line and blue line) which appears at both ends of a white part at the center of the screen.<br>(9) Set < S001 > to set "000" and it change to the normal mode.<br>(10) Press the [MUTING] key to memoirize the set value.           |
|  <p>Disappears the color at both ends.</p>                                  |                                             |            |                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>1125i BRIGHTNESS</b>                                                                                                                                      | Remote control unit<br><br>Signal generator |            | [1.ADJUST]<br>S001: PREPARE<br>(Adjustment setting mode change)<br><br>S012: HD BL(1125i brightness)<br><br>S030: R DRIVE(Red drive)<br>S031: G DRIVE(Green drive)<br>S032: B DRIVE(Blue drive)                                      | (1) Receive a 1125i gray scale pattern signal .<br>(2) Set "VIDEO STATUS" to STANDARD.<br>(3) Set "ASPECT" to FULL.<br>(4) Set "COLOR TEMPERATURE" to LOW.<br>(5) Select "1.ADJUST" from the SERVICE MODE.<br>(6) Set < S030 > (R DRIVE), < S031> (G DRIVE) and < S032 > (B DRIVE) to "128".<br>(7) Set < S001 > (adjustment setting mode change) to set the values "012" and it change to the 1125i black level adjustment setting mode.<br>(8) Adjust < S012 > (1125i brightness) to set the 0% black part in the upper half of the screen to be brightest.<br>(9) Set < S001 > to set "000" and it change to the normal mode.<br>(10) Press the [MUTING] key to memoirize the set value.                                                                              |
|  <p>Set the 0% black part to be brightest.</p>                            |                                             |            |                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>1125i A-D OFFSET</b>                                                                                                                                      | Remote control unit<br><br>Signal generator |            | [1.ADJUST]<br>S001: PREPARE<br>(Adjustment setting mode change)<br><br>S013: HD CB OF(1125i cb offset)<br>S014: HD CR OF(1125i cr offset)<br><br>S030: R DRIVE(Red drive)<br>S031: G DRIVE(Green drive)<br>S032: B DRIVE(Blue drive) | (1) Receive a 1125i 30% all white pattern signal.<br>(2) Set "VIDEO STATUS" to STANDARD.<br>(3) Set "ASPECT" to FULL.<br>(4) Set "COLOR TEMPERATURE" to LOW.<br>(5) Select "1.ADJUST" from the SERVICE MODE.<br>(6) Set < S030 > (R DRIVE), < S031> (G DRIVE) and < S032 > (B DRIVE) to "128".<br>(7) Set < S001 > (adjustment setting mode change) to set "013" and it change to the 1125i A-D offset adjustment setting mode.<br>(8) Adjust < S013 > (1125i Cb offset) to minimize the blue noise in the upper half of the screen.<br>(9) Adjust < S014 > (1125i Cr offset) to minimize the blue noise in the upper half of the screen.<br>(10) Set < S001 > to set "000" and it change to the normal mode.<br>(11) Press the [MUTING] key to memoirize the set value. |
|  <p>Minimize the red and blue noises in the upper half of the screen.</p> |                                             |            |                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |

| Item                                   | Measuring instrument | Test point | Adjustment part                                                                                                                                                                 | Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|----------------------------------------|----------------------|------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>SUB SCREEN A-D OFFSET</b>           | Remote control unit  |            | [1.ADJUST]<br>S001: PREPARE<br>(Adjustment setting mode change)                                                                                                                 | (1) Set "VIDEO STATUS" to STANDARD.<br>(2) Set "ASPECT" to FULL.<br>(3) Set "COLOR TEMPERATURE" to LOW.<br>(4) Set "MULTI SCREEN" to TWIN.<br>(5) Receive a NTSC 30% all white pattern signal on the Right screen. At the same time, set the Left screen in VIDEO-1 mode (No signal).<br>(6) Select "1.ADJUST" from the SERVICE MODE.<br>(7) Set < S030 > (R DRIVE), < S031 > (G DRIVE) and < S032 > (B DRIVE) to "128".<br>(8) Set < S001 > (adjustment setting mode change) to set "017" and it change to the sub screen A-D offset adjustment setting mode.<br>(9) Adjust < S016 > (Sub screen cb offset) to minimize the blue noise in the upper half of the screen.<br><b>If you select an adjustment item &lt; S016 &gt;, then the screen automatically turn to twin pictures mode.</b><br>(10) Adjust < S017 > (Sub screen cr offset) to minimize the red noise in the upper half of the screen.<br>(11) Readjust < S016 > and < S017 > to set the upper half of the screen to be the blackest. (See Fig.9)<br>(12) Set < S001 > to set "000" and it change to the normal mode.<br>(13) Press the [MUTING] key to memoirize the set value. |
|                                        | Signal generator     |            | S016: RT CB OF<br>(Sub screen cb offset)<br>S017: RT CR OF<br>(Sub screen cr offset)<br><br>S030: R DRIVE(Red drive)<br>S031: G DRIVE(Green drive)<br>S032: B DRIVE(Blue drive) |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Set the 0% block part to be brightest. |                      |            |                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>WHITE BALANCE (HIGHLIGHT)</b>       | Remote control unit  |            | [1.ADJUST]<br>S030: R DRIVE (Red drive)<br>S031: G DRIVE (Green drive)<br>S032: B DRIVE (Blue drive)                                                                            | (1) Receive a NTSC 75% all white signal.<br>(2) Set "VIDEO STATUS" to STANDARD.<br>(3) Set "ASPECT" to FULL.<br>(4) Select "COLOR TEMPERATURE" to LOW.<br>(5) Select "1.ADJUST" from the SERVICE MODE.<br>(6) Adjust to keep one of < S030 > (Red drive), < S031 > (Green drive) or < S032 > (Blue drive) unchanged, then lower the other two so that the all-white screen is equally white throughout.<br><br><b>NOTE:</b><br>Set one or more of < S030 >, < S031 >, and < S032 > to "128".<br>(7) Check that white balance is properly tracked from low light to high light. If the white balance tracking is deviated, adjust to correct it.<br>(8) Press the [MUTING] key to memoirize the set value.                                                                                                                                                                                                                                                                                                                                                                                                                                         |

#### 4.7.4 MTS CIRCUIT

| Item                                                                              | Measuring instrument                                                               | Test point     | Adjustment part                             | Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|----------------|---------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>MTS INPUT LEVEL</b>                                                            | Remote control unit<br><br>Signal generator                                        |                | [1.ADJUST]<br>T001: IN LEVEL                | (1) Receive the any broadcast.<br>(2) Select "1.ADJUST" from the SERVICE MODE.<br>(3) Verify that the < T001 > (IN LEVEL) is set at its initial setting value.<br>(4) Press the [MUTING] key to memorize the set value.                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>MTS SEPARATION</b>                                                             | TV audio multiplex signal generator<br><br>Oscilloscope<br><br>Remote control unit | L OUT<br>R OUT | [1.ADJUST]<br>T002: LOW SEP<br>T003: HI SEP | (1) Input the stereo L signal (300Hz) from the TV audio multiplex signal generator to the antenna terminal.<br>(2) Connect an oscilloscope to L OUT pin of the AUDIO OUT, and display one cycle portion of the 300Hz signal.<br>(3) Change the connection of the oscilloscope to R OUT pin of the AUDIO OUT, and enlarge the voltage axis.<br>(4) Select "1.ADJUST" from the SERVICE MODE.<br>(5) Set the initial setting value of the < T002 > (LOW SEP).<br>(6) Adjust the < T002 > so that the stroke element of the 300Hz signal will become minimum.<br>(7) Change the signal to 3kHz, and similarly adjust the < T003 > (HI SEP).<br>(8) Press the [MUTING] key to memorize the set value. |
|  |                                                                                    |                |                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |

## SECTION 5 TROUBLESHOOTING

### 5.1 SELF CHECK FEATURE

#### 5.1.1 OUTLINE

This unit comes with the "Self check" feature, which checks the operational state of the circuit and displays/saves it during failure. Diagnosis is performed when power is turned on, and information input to the main microcomputer is monitored at all time. Diagnosis is displayed in 2 ways via screen display and LED flashes. Failure detection is based on input state of I<sup>2</sup>C bus and the various control lines connected to the main microcomputer.

#### 5.1.2 HOW TO ENTER THE SELF CHECK MODE

Before entering the Self check Display mode, confirm that the setting of **TV/CATV** SW of the REMOTE CONTROL UNIT is at the "TV" side and the setting of VCR/DVD SW is at the "VCR" side. If the switches have not been properly set, you cannot enter the Self check Display mode.

- (1) Set to "0 minutes" using the **[SLEEP TIMER]** key.
  - (2) Press the **[VIDEO STATUS]** key and **[DISPLAY]** key simultaneously, then enter the service mode.
  - (3) Press the **[2]** key (SELF\_CHK) before the service mode screen disappears.
  - (4) Press the **[SLEEP TIMER]** key to enter Page 2 of the SELF CHECK MODE.
- When the **[RETURN+]** key pressed, the first page change screen.

#### NOTE:

When a number key other than the **[2]** key is pressed in the SERVICE MENU SCREEN, the other relevant screen may be displayed.

This is not used in the SELF CHECK. Press the **[MENU]** key to return to the SERVICE MENU SCREEN.

#### 5.1.3 HOW TO EXIT THE SELF CHECK MODE

##### TO SAVE FAILURE HISTORY:

Turn off the power by unplugging the AC power cord plug when in the Self check display mode.

##### TO CLEAR (RESET) FAILURE HISTORY:

Turn off the power by pressing the **[POWER]** key on the remote control unit when in the Self check display mode.

#### 5.1.4 FAILURE HISTORY

Failure history can be counted up to 9 times for each item. When the number exceeds 9, display will remain as 9. Failure history will be stored in the memory unless it has been deleted.

#### NOTE:

Only SYNC (with/without sync signals) will be neither counted nor stored.

#### 5.1.5 POINTS TO NOTE WHEN USING THE SELF CHECK FEATURE

In addition to circuit failures (abnormal operation), the following cases may also be ignored as "Abnormal" and displayed and counted as "NG".

- (1) Temporary defective transmissions across circuits due to pulse interruptions
- (2) Misalignment in the on/off timing of power for I<sup>2</sup>C bus (VCC) when turning on/off the main power.

Diagnosis may be impeded if a large number of items are displayed as "NG". As such, start Self check check only after 3 seconds in the case of receivers and 5 seconds in the case of panels upon turning on the power. If recurrences are expected, ensure to clear (reset) the failure history and record the new diagnosis results.

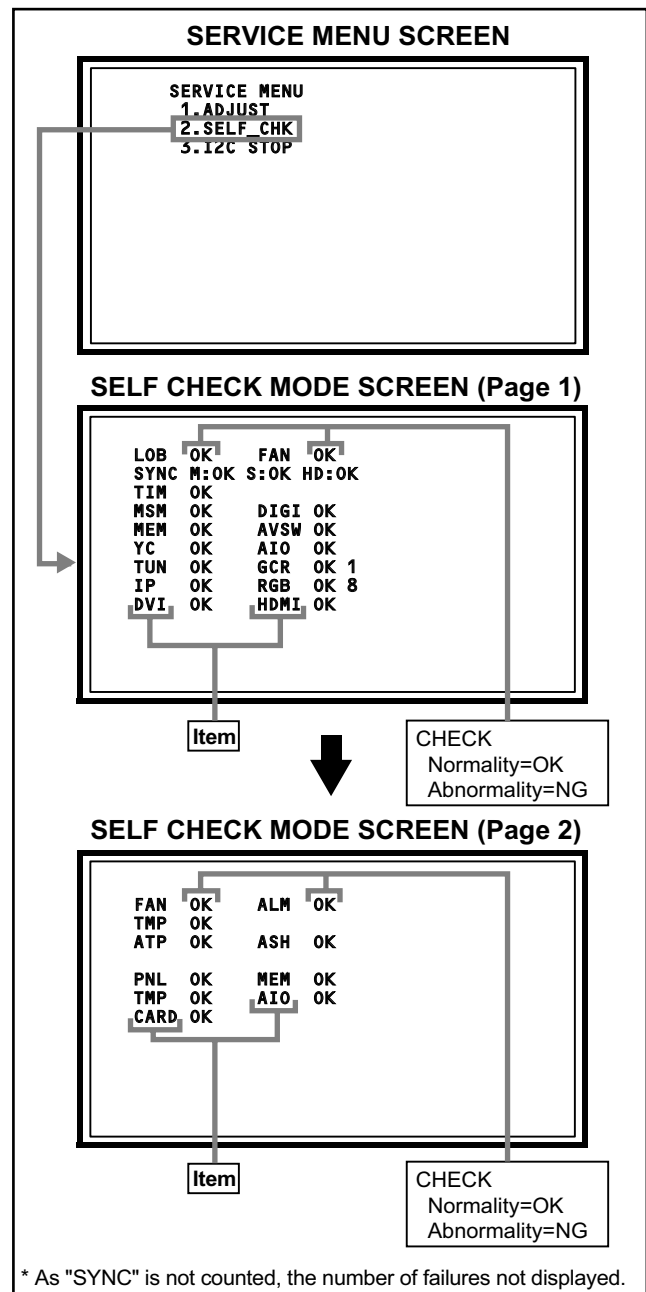


Fig.1



### 5.1.6 DETAILS

Self check is performed for the following items:

< Page 1 of screen >

| Detection item                 | Display | Detection content                                                                                                                                                        | Diagnosis signal (line) | Detection timing                                                                                                       |
|--------------------------------|---------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|------------------------------------------------------------------------------------------------------------------------|
| Low bias line short protection | LOB     | Confirm the operation of the low bias (5V / 9V) protection circuit.<br><a href="#">Q2801</a> , <a href="#">Q2802</a> [REGULATOR PWB]                                     | LB_PRO                  | Detection starts 3 seconds after the power is turned on.<br>If error continues between 400ms the power is turned off.  |
| Fan lock                       | FAN     | Confirm the operation of the cooling fan.<br><a href="#">IC8005</a> [FAN CONTROL PWB]                                                                                    | FAN_LOCK                | Detection starts 3 seconds after the power is turned on.<br>If error continues between 250ms the power is turned off.  |
| Presence of sync signal        | SYNC    | Confirmation of presence of video sync signal.<br>M : Main sync signal<br>S : Sub sync signal<br>HD : Component sync signal<br><a href="#">IC201</a> [ANALOG SIGNAL PWB] | SDA                     | Confirmation of presence of sync signal in video signal.                                                               |
| AC power input                 | TIM     | Not used.                                                                                                                                                                | ---                     | ---                                                                                                                    |
| Main CPU communication         | MSM     | Confirmation of ACK (response) signal which uses sync communications with Chassis CPU.<br><a href="#">IC7601</a> [DIGITAL SIGNAL PWB]                                    | WAKE                    | If it checks whenever sync communication with SHM performed and no reply of ACK signal an error will be counted.       |
| Digital tuner                  | DIG     | Not used.                                                                                                                                                                | ---                     | ---                                                                                                                    |
| Main memory                    | MEM     | Confirmation of reply of ACK signal which uses I <sup>2</sup> C communication.<br><a href="#">IC7602</a> [DIGITAL SIGNAL PWB]                                            | SDA                     | If it checks whenever I <sup>2</sup> C communication is performed and no reply of ACK signal an error will be counted. |
| AV select switch               | AVSW    | Same as above.<br><a href="#">IC301</a> , <a href="#">IC501</a> [ANALOG SIGNAL PWB]                                                                                      | SDA                     | Same as above.                                                                                                         |
| 3 dimensions YC separator      | YC      | Same as above.<br><a href="#">IC1001</a> [DIGITAL SIGNAL PWB]                                                                                                            | SDA                     | Same as above.                                                                                                         |
| Multi sound process            | AIO     | Same as above.<br><a href="#">IC1140</a> [RECEIVER PWB]                                                                                                                  | SDA                     | Same as above.                                                                                                         |
| RF tuner                       | TUN     | Same as above.<br><a href="#">TU1101</a> [RECEIVER PWB]                                                                                                                  | SDA                     | Same as above.                                                                                                         |
| Ghost reduction                | GCR     | Not used.                                                                                                                                                                | ---                     | ---                                                                                                                    |
| DIST process                   | IP      | Confirmation of reply of ACK signal which uses I <sup>2</sup> C communication.<br><a href="#">IC3001</a> [DIGITAL SIGNAL PWB]                                            | SDA                     | If it checks whenever I <sup>2</sup> C communication is performed and no reply of ACK signal an error will be counted. |
| RGB process                    | RGB     | Same as above.<br><a href="#">IC4001</a> [DIGITAL SIGNAL PWB]                                                                                                            | SDA                     | Same as above.                                                                                                         |
| DVI (Digital communication)    | DVI     | Not used.                                                                                                                                                                | ---                     | ---                                                                                                                    |
| Digital input                  | HDMI    | Confirmation of reply of ACK signal which uses I <sup>2</sup> C communication.                                                                                           | SDA                     | If it checks whenever I <sup>2</sup> C communication is performed and no reply of ACK signal an error will be counted. |

| Detection item                                  | Display | Detection content                                                                                             | Diagnosis signal (line) | Detection timing                                                                                          |
|-------------------------------------------------|---------|---------------------------------------------------------------------------------------------------------------|-------------------------|-----------------------------------------------------------------------------------------------------------|
| Fan lock                                        | FAN     | Not used.                                                                                                     | ---                     | ---                                                                                                       |
| Abnormal of operation of PANEL                  | ALM     | Not used.                                                                                                     | ---                     | ---                                                                                                       |
| Abnormal rise of temperature in PANEL           | TMP     | Not used.                                                                                                     | ---                     | ---                                                                                                       |
| Abnormal rise of temperature in AUDIO PWB       | ATP     | Not used.                                                                                                     | ---                     | ---                                                                                                       |
| Short circuit detection of AUDIO PWB            | ASH     | Not used.                                                                                                     | ---                     | ---                                                                                                       |
| Panel communication                             | PNL     | Not used.                                                                                                     | ---                     | ---                                                                                                       |
| Sub memory                                      | MEM     | Not used.                                                                                                     | ---                     | ---                                                                                                       |
| Temp. sensor                                    | TMP     | Not used.                                                                                                     | ---                     | ---                                                                                                       |
| Audio control                                   | AIO     | Not used.                                                                                                     | ---                     | ---                                                                                                       |
| Abnormal rise of CARD VIEWER PWB<br>[HD-70G886] | CARD    | Confirmation of reply of ACK signal which uses SDA communication.<br><a href="#">IC1001</a> [CARD VIEWER PWB] | SDA                     | If it checks whenever SDA communication is performed and no reply of ACK signal an error will be counted. |

### 5.1.7 DISPLAY METHOD WHEN RASTER IS NOT AVAILABLE

In a state where a display screen does not appear due to the failure of this unit, the POWER LED (blue) and LAMP LED (orange) can light up and display a trouble mode.

The factors in case the power is forcibly shut down at the time of failure are memorized and those are displayed.

| Check item                        | Contents                                                                                                                                                                                                                 | Classifications | LED flash cycle                    |                                    |
|-----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|------------------------------------|------------------------------------|
|                                   |                                                                                                                                                                                                                          |                 | POWER LED                          | LAMP LED                           |
| Lamp does not light up            | Detection of lamp return (LAMP_RTN) signals output depending on the status of the lamp supply electric current monitored constantly within the lamp ballast unit.<br>(H = Off)<br><a href="#">CN311</a> [MAIN DRIVE PWB] | 3               | 0.1 sec interval<br>Simultaneously | 0.1 sec interval<br>Simultaneously |
| Lamp goes out                     | Detection of lamp return (LAMP_RTN) signals output depending on the status of the lamp supply electric current monitored constantly within the lamp ballast unit.<br>(H = Off)<br><a href="#">CN311</a> [MAIN DRIVE PWB] | 3               | 0.1 sec interval<br>Simultaneously | 0.1 sec interval<br>Simultaneously |
| Lamp cover open                   | Detection of the interlock switch status for the lamp cover. (H = Abnormal)<br><a href="#">S0201</a> [LAMP COVER SW PWB]                                                                                                 | 3               | 0.1 sec interval<br>Simultaneously | 0.1 sec interval<br>Simultaneously |
| Abnormal DD CPU circuit           | Detection of serial communication error between MAIN DRIVE PWB and RECEIVER PWB.<br><a href="#">IC3701</a> [MAIN DRIVE PWB]                                                                                              | 2               | -----                              | 0.5 sec interval                   |
| Fan lock (stop)                   | Detection of LOCK signals outputting the operation (circuit) status of the cooling fan. (H=Abnormal)<br><a href="#">IC8005</a> [FAN CONTROL PWB]                                                                         | 1               | 0.5 sec interval<br>Alternately    | 0.5 sec interval<br>Alternately    |
| Abnormal D-ILA DEVICE temperature | Detection of abnormal inner cabinet temperature. (53°C)<br><a href="#">IC2001</a> [TEMP. SENSOR PWB]                                                                                                                     | 1               | 0.5 sec interval<br>Alternately    | 0.5 sec interval<br>Alternately    |

### EXPLANATION ON ACTION

If NG is detected on an item being diagnosed, turn off the power on this unit. As soon as the power goes off, turn on and off POWER LED and LAMP LED immediately. After the power is shut down, it becomes impossible to turn on the power until the power cable is either plugged in or unplugged from the AC outlet.

- When [1] and [3] take place at the same time, give priority to [1], and [2] will not take place simultaneously with [1] and [3].





Victor Company of Japan, Limited  
AV & MULTIMEDIA COMPANY DISPLAY CATEGORY 12, 3-chome, Moriya-cho, Kanagawa-ku, Yokohama-city, Kanagawa-prefecture, 221-8528, Japan

(No.YA247)



Printed in Japan  
VPT

# PARTS LIST

## CAUTION

- The parts identified by the  $\Delta$  symbol are important for the safety . Whenever replacing these parts, be sure to use specified ones to secure the safety.
- The parts not indicated in this Parts List and those which are filled with lines --- in the Parts No. columns will not be supplied.
- P.W. BOARD Ass'y will not be supplied, but those which are filled with the Parts No. in the Parts No. columns will be supplied.

### ABBREVIATIONS OF RESISTORS, CAPACITORS AND TOLERANCES

| RESISTORS |                                                  | CAPACITORS      |                                               |
|-----------|--------------------------------------------------|-----------------|-----------------------------------------------|
| CR        | Carbon Resistor                                  | C CAP.          | Ceramic Capacitor                             |
| FR        | Fusible Resistor                                 | E CAP.          | Electrolytic Capacitor                        |
| PR        | Plate Resistor                                   | M CAP.          | Mylar Capacitor                               |
| VR        | Variable Resistor                                | CH CAP.         | Chip Capacitor                                |
| HV R      | High Voltage Resistor                            | HV CAP.         | High Voltage Capacitor                        |
| MF R      | Metal Film Resistor                              | MF CAP.         | Metalized Film Capacitor                      |
| MG R      | Metal Glazed Resistor                            | MM CAP.         | Metalized Mylar Capacitor                     |
| MP R      | Metal Plate Resistor                             | MP CAP.         | Metalized Polystyrol Capacitor                |
| OM R      | Metal Oxide Film Resistor                        | PP CAP.         | Polypropylene Capacitor                       |
| CMF R     | Coating Metal Film Resistor                      | PS CAP.         | Polystyrol Capacitor                          |
| UNF R     | Non-Flammable Resistor                           | TF CAP.         | Thin Film Capacitor                           |
| CH V R    | Chip Variable Resistor                           | MPP CAP.        | Metalized Polypropylene Capacitor             |
| CH MG R   | Chip Metal Glazed Resistor                       | TAN. CAP.       | Tantalum Capacitor                            |
| COMP. R   | Composition Resistor                             | CH C CAP.       | Chip Ceramic Capacitor                        |
| LPTC R    | Linear Positive Temperature Coefficient Resistor | BP E CAP.       | Bi-Polar Electrolytic Capacitor               |
|           |                                                  | CH AL E CAP.    | Chip Aluminum Electrolytic Capacitor          |
|           |                                                  | CH AL BP CAP.   | Chip Aluminum Bi-Polar Capacitor              |
|           |                                                  | CH TAN. E CAP.  | Chip Tantalum Electrolytic Capacitor          |
|           |                                                  | CH AL BP E CAP. | Chip Tantalum Bi-Polar Electrolytic Capacitor |

| RESISTORS |     |     |      |      |      |              |              |              |              |
|-----------|-----|-----|------|------|------|--------------|--------------|--------------|--------------|
| F         | G   | J   | K    | M    | N    | R            | H            | Z            | P            |
| ±1%       | ±2% | ±5% | ±10% | ±20% | ±30% | +30%<br>-10% | +50%<br>-10% | +80%<br>-20% | +100%<br>-0% |

# CONTENTS

|                                                          |             |
|----------------------------------------------------------|-------------|
| USING P.W. BOARD & REMOTE CONTROL UNIT .....             | 3-3         |
| EXPLODED VIEW PARTS LIST -1 [HD-61Z786, HD-61Z886] ..... | 3-3         |
| EXPLODED VIEW -1 [HD-61Z786, HD-61Z886] .....            | 3-4         |
| EXPLODED VIEW PARTS LIST -2 [HD-61Z786, HD-61Z886] ..... | 3-5         |
| EXPLODED VIEW -2 [HD-61Z786, HD-61Z886] .....            | 3-5         |
| EXPLODED VIEW PARTS LIST -3 [HD-70G886] .....            | 3-6         |
| EXPLODED VIEW -3 [HD-70G886] .....                       | 3-7         |
| EXPLODED VIEW PARTS LIST -4 [HD-70G886] .....            | 3-8         |
| EXPLODED VIEW -4 [HD-70G886] .....                       | 3-9         |
| EXPLODED VIEW PARTS LIST -5 .....                        | 3-10        |
| EXPLODED VIEW -5 .....                                   | 3-11        |
| EXPLODED VIEW PARTS LIST -6 .....                        | 3-12        |
| EXPLODED VIEW -6 .....                                   | 3-13        |
| <b>PRINTED WIRING BOARD PARTS LIST [HD-61Z786] .....</b> | <b>3-14</b> |
| ANALOG SIGNAL P.W. BOARD ASS'Y (SRP-1022A-M2) .....      | 3-14        |
| REGULATOR P.W. BOARD ASS'Y (SRP-2022A-M2) .....          | 3-16        |
| MAIN DRIVE P.W. BOARD ASS'Y (SRP-3006A-M2) .....         | 3-17        |
| REMOTE SENSOR P.W. BOARD ASSY (SRP-8005A-M2) .....       | 3-21        |
| FAN CONTROL P.W. BOARD ASS'Y (SRP-8106A-M2) .....        | 3-21        |
| TEMP SENSOR P.W. BOARD ASS'Y (SRP-8206A-M2) .....        | 3-22        |
| SD CARD P.W. BOARD ASS'Y (SRP-8510A-M2) .....            | 3-22        |
| POWER P.W. BOARD ASS'Y (SRP-9021A-M2) .....              | 3-22        |
| DIGITAL SIGNAL P.W. BOARD ASS'Y (SRP0D023A-M2) .....     | 3-23        |
| REAR JACK P.W. BOARD ASS'Y (SRP0J021A-M2) .....          | 3-30        |
| SIDE CONTROL P.W. BOARD ASS'Y (SRP0L021A-M2) .....       | 3-31        |
| FRONT LED P.W. BOARD ASS'Y (SRP0L121A-M2) .....          | 3-31        |
| LAMP COVER SW P.W. BOARD ASS'Y (SRP0L205A-M2) .....      | 3-31        |
| RECEIVER P.W. BOARD ASS'Y (SRP0R021A-M2) .....           | 3-31        |
| ATSC TUNER MODULE P.W. BOARD ASS'Y (SSD2104A-M2) .....   | 3-33        |
| <b>PRINTED WIRING BOARD PARTS LIST [HD-61Z886] .....</b> | <b>3-34</b> |
| ANALOG SIGNAL P.W. BOARD ASS'Y (SRP-1022A-M2) .....      | 3-34        |
| REGULATOR P.W. BOARD ASS'Y (SRP-2022A-M2) .....          | 3-34        |
| MAIN DRIVE P.W. BOARD ASS'Y (SRP-3006A-M2) .....         | 3-34        |
| REMOTE SENSOR P.W. BOARD ASSY (SRP-8005A-M2) .....       | 3-34        |
| FAN CONTROL P.W. BOARD ASS'Y (SRP-8106A-M2) .....        | 3-34        |
| TEMP SENSOR P.W. BOARD ASS'Y (SRP-8206A-M2) .....        | 3-34        |
| SD CARD P.W. BOARD ASS'Y (SRP-8510A-M2) .....            | 3-34        |
| POWER P.W. BOARD ASS'Y (SRP-9021A-M2) .....              | 3-34        |
| DIGITAL SIGNAL P.W. BOARD ASS'Y (SRP0D022A-M2) .....     | 3-34        |
| REAR JACK P.W. BOARD ASS'Y (SRP0J021A-M2) .....          | 3-41        |
| SIDE CONTROL P.W. BOARD ASS'Y (SRP0L021A-M2) .....       | 3-41        |
| FRONT LED P.W. BOARD ASS'Y (SRP0L121A-M2) .....          | 3-41        |
| LAMP COVER SW P.W. BOARD ASS'Y (SRP0L205A-M2) .....      | 3-41        |
| RECEIVER P.W. BOARD ASS'Y (SRP0R021A-M2) .....           | 3-41        |
| ATSC TUNER MODULE P.W. BOARD ASS'Y (SSD2104A-M2) .....   | 3-41        |
| <b>PRINTED WIRING BOARD PARTS LIST [HD-70G886] .....</b> | <b>3-42</b> |
| ANALOG SIGNAL P.W. BOARD ASS'Y (SRP-1021A-M2) .....      | 3-42        |
| REGULATOR P.W. BOARD ASS'Y (SRP-2021A-M2) .....          | 3-44        |
| MAIN DRIVE P.W. BOARD ASS'Y (SRP-3010A-M2) .....         | 3-45        |
| REMOTE SENSOR P.W. BOARD ASSY (SRP-8005A-M2) .....       | 3-49        |
| FAN CONTROL P.W. BOARD ASS'Y (SRP-8106A-M2) .....        | 3-49        |
| TEMP SENSOR P.W. BOARD ASS'Y (SRP-8206A-M2) .....        | 3-49        |
| SD CARD P.W. BOARD ASS'Y (SRP-8510A-M2) .....            | 3-49        |
| CARD VIEWER P.W. BOARD ASS'Y (SRP-8511A-M2) .....        | 3-49        |
| POWER P.W. BOARD ASS'Y (SRP-9021A-M2) .....              | 3-51        |
| DIGITAL SIGNAL P.W. BOARD ASS'Y (SRP0D021A-M2) .....     | 3-51        |
| REAR JACK P.W. BOARD ASS'Y (SRP0J021A-M2) .....          | 3-58        |
| SIDE CONTROL P.W. BOARD ASS'Y (SRP0L021A-M2) .....       | 3-58        |
| FRONT LED P.W. BOARD ASS'Y (SRP0L121A-M2) .....          | 3-58        |
| LAMP COVER SW P.W. BOARD ASS'Y (SRP0L205A-M2) .....      | 3-58        |
| RECEIVER P.W. BOARD ASS'Y (SRP0R021A-M2) .....           | 3-58        |
| ATSC TUNER MODULE P.W. BOARD ASS'Y (SSD2104A-M2) .....   | 3-58        |
| <b>REMOTE CONTROL UNIT PARTS LIST (RM-C14G-1H) .....</b> | <b>3-58</b> |
| <b>PACKING .....</b>                                     | <b>3-59</b> |
| <b>PACKING PARTS LIST .....</b>                          | <b>3-59</b> |

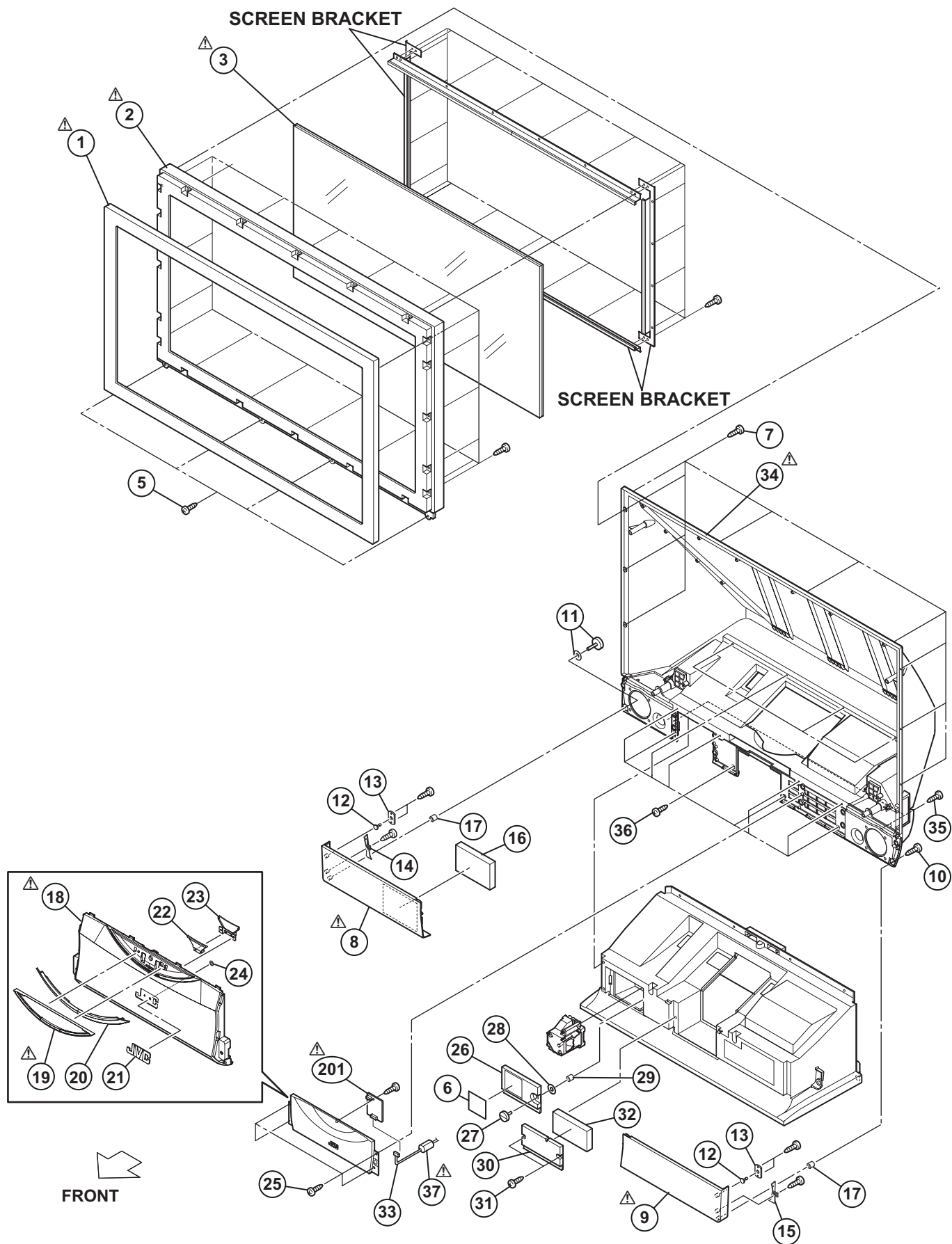
# USING P.W. BOARD & REMOTE CONTROL UNIT

| P.W.B ASS'Y             | HD-61Z786    | HD-61Z886    | HD-70G886    |
|-------------------------|--------------|--------------|--------------|
| ANALOG SIGNAL P.W.B     | SRP-1022A-M2 | ←            | SRP-1021A-M2 |
| REGULATOR P.W.B         | SRP-2022A-M2 | ←            | SRP-2021A-M2 |
| MAIN DRIVE P.W.B        | SRP-3006A-M2 | ←            | SRP-3010A-M2 |
| REMOTE SENSOR P.W.B     | SRP-8005A-M2 | ←            | ←            |
| FAN CONTROL P.W.B       | SRP-8106A-M2 | ←            | ←            |
| TEMP SENSOR P.W.B       | SRP-8206A-M2 | ←            | ←            |
| SD CARD P.W.B           | SRP-8510A-M2 | ←            | ←            |
| CARD VIEWER P.W.B       | ---          | ---          | SRP-8511A-M2 |
| POWER P.W.B             | SRP-9021A-M2 | ←            | ←            |
| DIGITAL SIGNAL P.W.B    | SRP0D023A-M2 | SRP0D022A-M2 | SRP0D021A-M2 |
| REAR JACK P.W.B         | SRP0J021A-M2 | ←            | ←            |
| SIDE CONTROL P.W.B      | SRP0L021A-M2 | ←            | ←            |
| FRONT LED P.W.B         | SRP0L121A-M2 | ←            | ←            |
| LAMP COVER SW P.W.B     | SRP0L205A-M2 | ←            | ←            |
| RECEIVER P.W.B          | SRP0R021A-M2 | ←            | ←            |
| ATSC TUNER MODULE P.W.B | SSD2104A-M2  | ←            | ←            |
| REMOTE CONTROL UNIT     | RM-C14G-1H   | ←            | ←            |

## EXPLODED VIEW PARTS LIST -1 [HD-61Z786, HD-61Z886]

| △ | Ref.No. | Part No.        | Part Name           | Description             | Local     |
|---|---------|-----------------|---------------------|-------------------------|-----------|
| △ | 1       | LC11915-001B-A  | FRONT PANEL         |                         | HD-61Z786 |
| △ | 1       | LC11915-002A-A  | FRONT PANEL         |                         | HD-61Z886 |
| △ | 2       | LC11914-001B-A  | FRONT CABINET       |                         | HD-61Z786 |
| △ | 2       | LC11914-003A-A  | FRONT CABINET       |                         | HD-61Z886 |
| △ | 3       | 61SC-004A-M2    | SCREEN ASSY         |                         |           |
|   | 5       | QYSBSFG4016MA   | TAP SCREW           | For FRONT PANEL(x4)     |           |
|   | 6       | LC32880-001A-A  | WARNING SHEET       |                         |           |
|   | 7       | QYSBSFG4016MA   | TAP SCREW           | For BACK COVER(x10)     |           |
| △ | 8       | LC12174-003C-A  | SPEAKER GRILL LEFT  |                         | HD-61Z786 |
| △ | 8       | LC12174-001C-A  | SPEAKER GRILL LEFT  |                         | HD-61Z886 |
| △ | 9       | LC12174-004C-A  | SPEAKER GRILL RIGHT |                         | HD-61Z786 |
| △ | 9       | LC12174-002C-A  | SPEAKER GRILL RIGHT |                         | HD-61Z886 |
|   | 10      | QYSBSFG4016MA   | TAP SCREW           | For SPEAKER GRILL RIGHT |           |
|   | 11      | LC33041-001A-A  | KNOB SCREW          | For SPEAKER GRILL LEFT  |           |
|   | 12      | LC32692-001A-A  | STRIKER             | (x2)                    |           |
|   | 13      | LC32692-002A-A  | STRIKER             | (x2)                    |           |
|   | 14      | LC33054-001A-A  | GRILL COVER L       |                         |           |
|   | 15      | LC33054-002A-A  | GRILL COVER R       |                         |           |
|   | 16      | LC32897-003A-A  | SOUND ABSORBER      |                         |           |
|   | 17      | LC41960-001A-A  | INSERT NUT          |                         |           |
| △ | 18      | LC12175-002D-A  | CENTER PANEL        |                         | HD-61Z786 |
| △ | 18      | LC12175-001D-A  | CENTER PANEL        |                         | HD-61Z886 |
| △ | 19      | LC33145-003A-0K | POWER KNOB ASSY     |                         |           |
|   | 20      | LC21801-002A-A  | ORNAMENT LENS       |                         | HD-61Z786 |
|   | 20      | LC21801-001A-A  | ORNAMENT LENS       |                         | HD-61Z886 |
|   | 21      | LC32707-001A-C  | JVC MARK            |                         | HD-61Z786 |
|   | 21      | LC32707-002A-C  | JVC MARK            |                         | HD-61Z886 |
|   | 22      | LC33048-001B-A  | LED LENS            |                         |           |
|   | 23      | LC33066-001A-A  | LENS HOLDER         |                         |           |
|   | 24      | QYNSS2000P      | PUSH NUT            |                         |           |
|   | 25      | QYSBSF4012Z     | TAP SCREW           | For CENTER PANEL(x4)    |           |
|   | 26      | LC12047-001A-A  | LAMP COVER          |                         |           |
|   | 27      | LC33041-001A-A  | KNOB SCREW          |                         |           |
|   | 28      | LC41978-001A-A  | WASHER              |                         |           |
|   | 29      | LC41960-001A-A  | INSERT NUT          |                         |           |
|   | 30      | LC21590-001C-A  | CENTER COVER        |                         |           |
|   | 31      | QYSBSFG4016MA   | TAP SCREW           | For CENTER COVER(x2)    |           |
|   | 32      | LC32897-001A-A  | SOUND ABSORBER      |                         |           |
|   | 33      | WJ0486-001A     | E-SI C WIRE C-C     | "FL"                    |           |
| △ | 34      | LC11916-001E-A  | BACK COVER          |                         |           |
|   | 35      | QYSBSFG4016MA   | TAP SCREW           | M4 x 16mm(x2)           |           |
|   | 36      | QYSBSFG4016MA   | TAP SCREW           | M4 x 16mm(x13)          |           |
| △ | 37      | QQR0490-001     | NOISE FILTER        |                         |           |
| △ | 201     | SRP0L121A-M2    | FRONT LED PWB       |                         |           |

EXPLODED VIEW -1 [HD-61Z786, HD-61Z886]

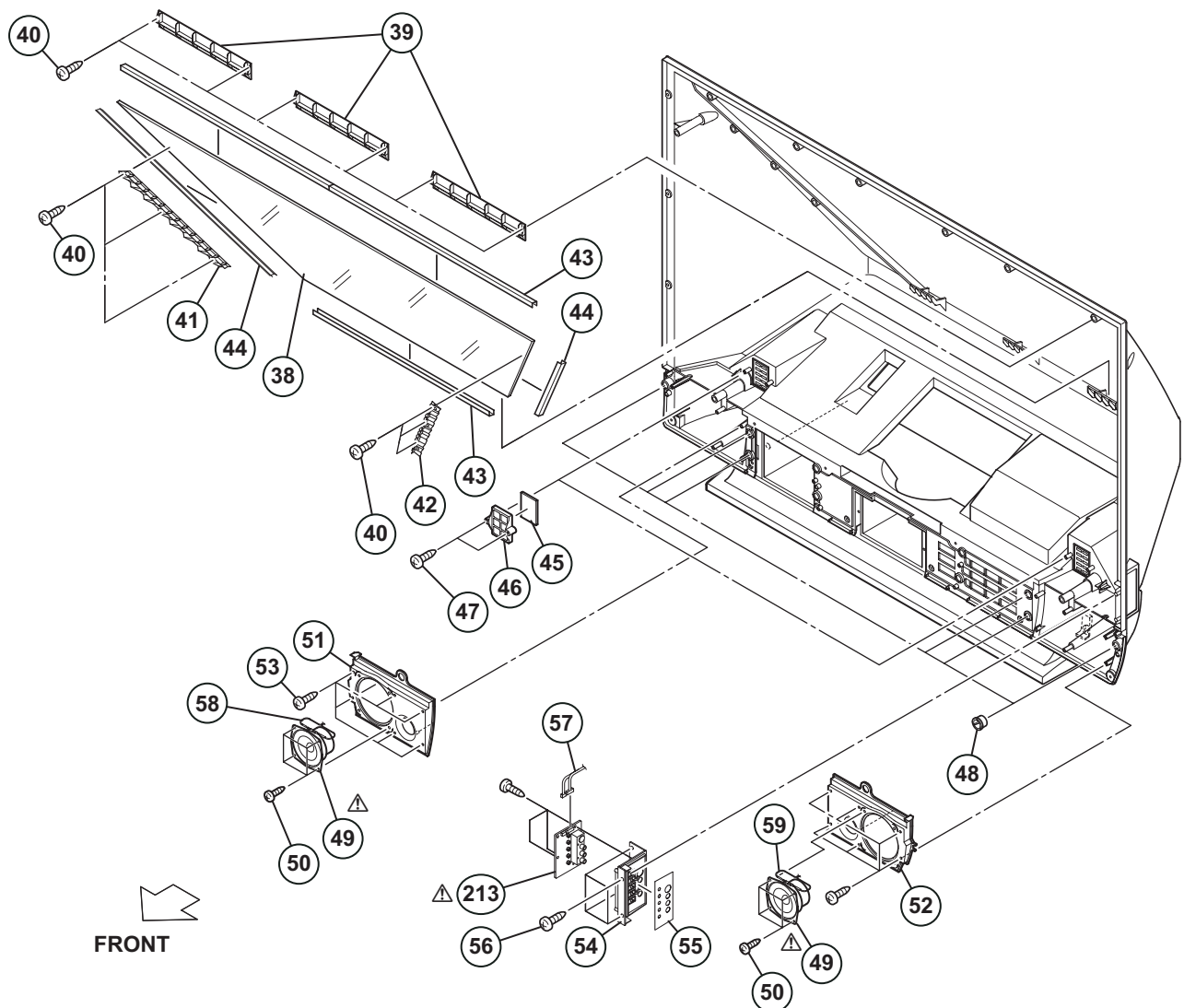




## EXPLODED VIEW PARTS LIST -2 [HD-61Z786, HD-61Z886]

| △ Ref.No. | Part No.       | Part Name           | Description               | Local |
|-----------|----------------|---------------------|---------------------------|-------|
| 38        | LC33055-002A   | 61" GLASS MIRROR    |                           |       |
| 39        | LC21537-001A-A | MIRROR HOLDER TOP   | (x3)                      |       |
| 40        | QYSBSFG4016MA  | TAP SCREW           | For MIRROR HOLDER(x12)    |       |
| 41        | LC21538-001A-A | MIRROR HOLDER LEFT  |                           |       |
| 42        | LC21538-002A-A | MIRROR HOLDER RIGHT |                           |       |
| 43        | LC32447-055A-A | STICK SHEET         | (x3)                      |       |
| 44        | LC32447-055A-A | STICK SHEET         | (x2)                      |       |
| 45        | LC32621-001A-A | BACK COVER FILTER   | (x2)                      |       |
| 46        | LC21539-001A-A | FILTER COVER        | (x2)                      |       |
| 47        | QYSBSFG4016MA  | TAP SCREW           | M4 x 16mm(x4)             |       |
| 48        | LC32810-001A-A | CATCHER             | (x2)                      |       |
| △ 49      | QAS0251-001    | SPEAKER             | SP01/SP02(x2)             |       |
| 50        | QYSBSFG4016MA  | TAP SCREW           | For SPEAKER(x8)           |       |
| 51        | LC11950-001B-A | SPEAKER PLATE LEFT  |                           |       |
| 52        | LC11950-002B-A | SPEAKER PLATE RIGHT |                           |       |
| 53        | QYSBSFG4016MA  | TAP SCREW           | For SPEAKER PLATE(x12)    |       |
| 54        | LC21805-001A-A | SIDE CONTROL BASE   |                           |       |
| 55        | LC33046-001A-A | SIDE CONTROL SHEET  |                           |       |
| 56        | QYSBSFG4016MA  | TAP SCREW           | For SIDE CONTROL BASE(x4) |       |
| 57        | WJZ0151-001A   | E-HARNESS ASSY      | "FJ"/"SW"                 |       |
| 58        | WJJ0487-001A   | E-SI C WIRE C-C     | "SPL"                     |       |
| 59        | WJJ0487-002A   | E-SI C WIRE C-C     | "SPR"                     |       |
| △ 213     | SRP0L021A-M2   | SIDE CONTROL PWB    |                           |       |

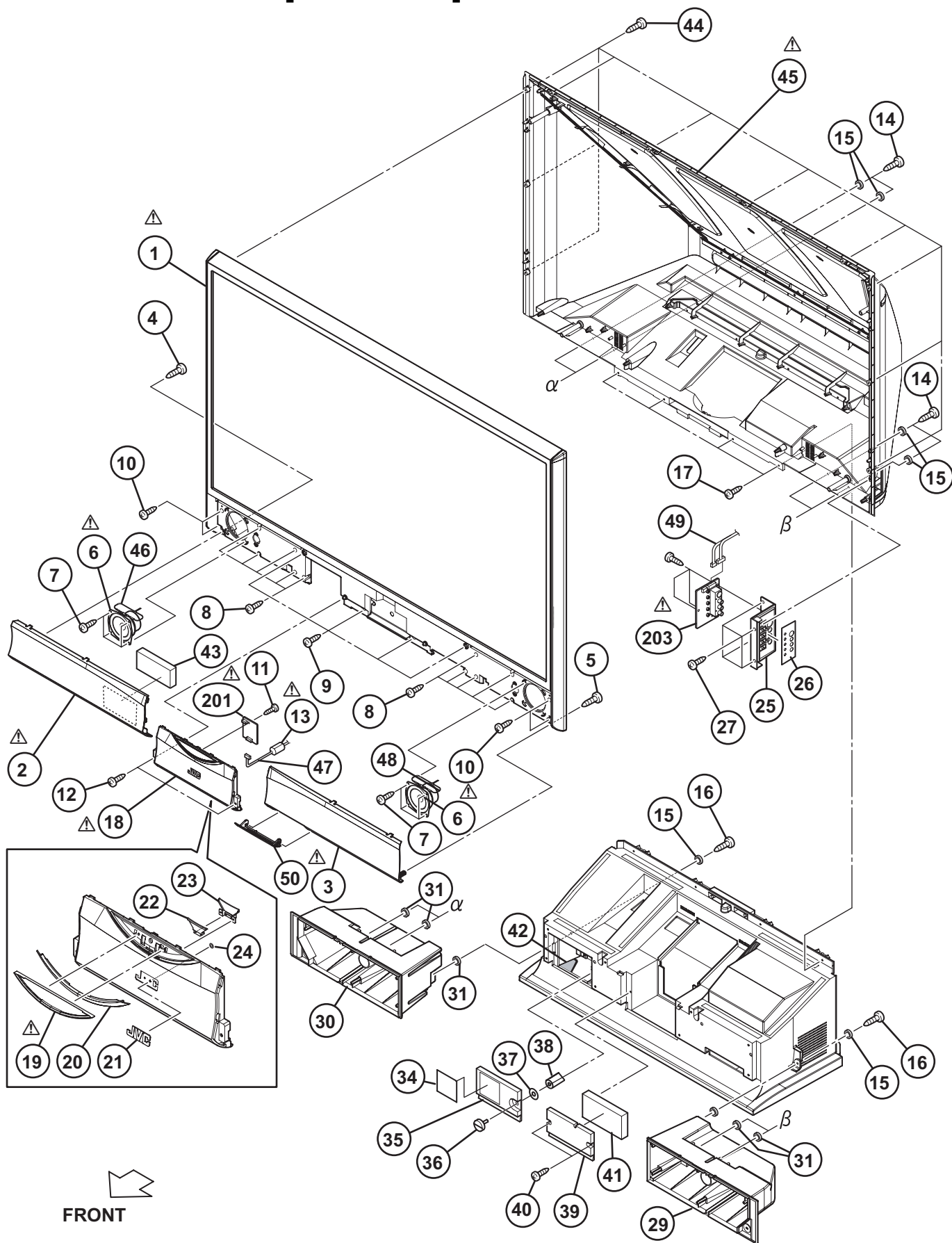
## EXPLODED VIEW -2 [HD-61Z786, HD-61Z886]



# EXPLODED VIEW PARTS LIST -3 [HD-70G886]

| △ | Ref.No. | Part No.        | Part Name          | Description          | Local |
|---|---------|-----------------|--------------------|----------------------|-------|
| △ | 1       | LC12132-001D-A  | FRONT PANEL        |                      |       |
| △ | 2       | LC12142-001E-A  | SPEAKER GRILL L    |                      |       |
| △ | 3       | LC12142-002E-A  | SPEAKER GRILL R    |                      |       |
|   | 4       | LC33041-001A-A  | KNOB SCREW         | For SPEAKER GRILL    |       |
|   | 5       | QYSBSFG4016MA   | TAP SCREW          | For SPEAKER GRILL    |       |
| △ | 6       | QAS0251-001     | SPEAKER            | SP01/SP02(x2)        |       |
|   | 7       | QYSBSFG4016MA   | TAP SCREW          | For SPEAKER(x8)      |       |
|   | 8       | QYSBSFG4016MA   | TAP SCREW          | For FRONT PANEL(x10) |       |
|   | 9       | QYSBSFG4016MA   | TAP SCREW          | For FRONT PANEL(x4)  |       |
|   | 10      | QYSBSFG4016MA   | TAP SCREW          | For FRONT PANEL(x4)  |       |
|   | 11      | QYSBSFG3008Z    | TAP SCREW          | M3 x 8mm             |       |
|   | 12      | QYSBSFG4016MA   | TAP SCREW          | M4 x 16mm(x2)        |       |
| △ | 13      | QQR0490-001     | NOISE FILTER       |                      |       |
|   | 14      | QYSBSFG4016MA   | TAP SCREW          | M4 x 16mm(x4)        |       |
|   | 15      | LC42165-001A-A  | RUBBER WASHER      | (x6)                 |       |
|   | 16      | QYSBSFG4016MA   | TAP SCREW          | M4 x 16mm(x2)        |       |
|   | 17      | QYSBSFG4016MA   | TAP SCREW          | M4 x 16mm(x8)        |       |
| △ | 18      | LC12141-001C-A  | CENTER PANEL       |                      |       |
| △ | 19      | LC33145-003A-0K | POWER KNOB ASSY    |                      |       |
|   | 20      | LC21801-001A-A  | ORNAMENT LENS      |                      |       |
|   | 21      | LC32412-003A-C  | JVC MARK           |                      |       |
|   | 22      | LC33048-001B-A  | LED LENS           |                      |       |
|   | 23      | LC33066-001A-A  | LENS HOLDER        |                      |       |
|   | 24      | QYNSS3000P      | PUSH NUT           | M3                   |       |
|   | 25      | LC21805-001A-A  | SIDE CONTROL BASE  |                      |       |
|   | 26      | LC33046-001A-A  | SIDE CONTROL SHEET |                      |       |
|   | 27      | QYSBSFG4016MA   | TAP SCREW          | M4 x 16mm(x4)        |       |
|   | 29      | LC12143-001A-A  | SPEAKER BOX RIGHT  |                      |       |
|   | 30      | LC12143-002A-A  | SPEAKER BOX LEFT   |                      |       |
|   | 31      | LC42165-001A-A  | RUBBER WASHER      | (x6)                 |       |
|   | 34      | LC32880-001A-A  | WARNING SHEET      |                      |       |
|   | 35      | LC12047-001A-A  | LAMP COVER         |                      |       |
|   | 36      | LC33041-001A-A  | KNOB SCREW         |                      |       |
|   | 37      | LC41978-001A-A  | WASHER             |                      |       |
|   | 38      | LC41960-001A-A  | INSERT NUT         |                      |       |
|   | 39      | LC21590-001C-A  | CENTER COVER       |                      |       |
|   | 40      | QYSBSFG4016MA   | TAP SCREW          | M4 x 16mm(x2)        |       |
|   | 41      | LC32897-001A-A  | SOUND ABSORBER     |                      |       |
|   | 42      | LC42075-001A-A  | LAMP WARNING       |                      |       |
|   | 43      | LC32897-003A-A  | SOUND ABSORBER     |                      |       |
|   | 44      | QYSBSFG4016MA   | TAP SCREW          | For BACK COVER(x10)  |       |
| △ | 45      | LC12133-001D-A  | BACK COVER         |                      |       |
|   | 46      | WJJ0487-003A-E  | E-SI C WIRE C-C    | "SPL"                |       |
|   | 47      | WJJ0487-004A-E  | E-SI C WIRE C-C    | "SPR"                |       |
|   | 48      | WJJ0486-001A    | E-SI C WIRE C-C    | "FL"                 |       |
|   | 49      | WJZ0151-002A-E  | E-HARNESS ASSY     | "FJ"/"SW"            |       |
|   | 50      | LC12162-001C-A  | DOOR               |                      |       |
| △ | 201     | SRP0L121A-M2    | FRONT LED PWB      |                      |       |
| △ | 203     | SRP0L021A-M2    | SIDE CONTROL PWB   |                      |       |

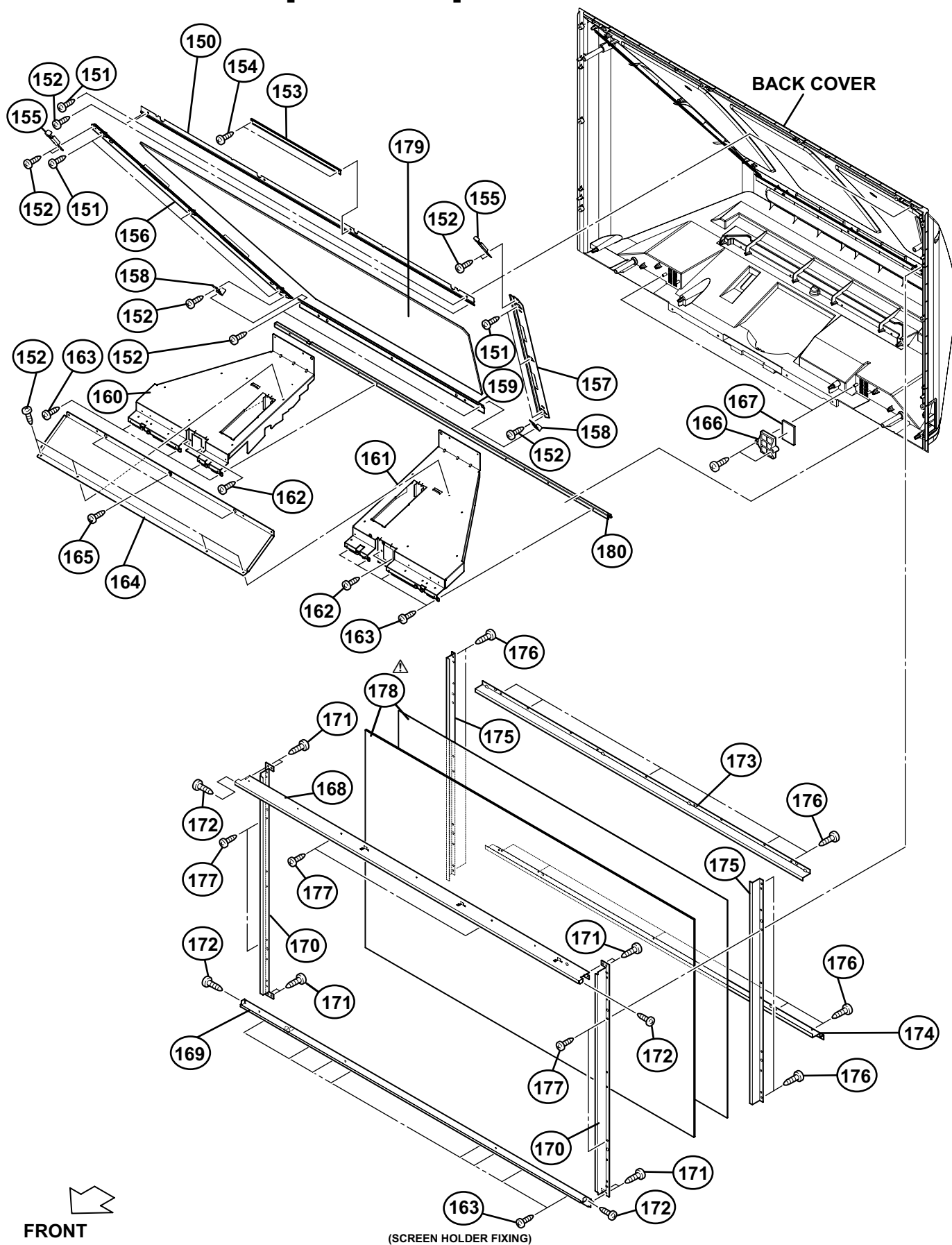
# EXPLODED VIEW -3 [HD-70G886]



# EXPLODED VIEW PARTS LIST -4 [HD-70G886]

| △ Ref.No. | Part No.       | Part Name           | Description    | Local |
|-----------|----------------|---------------------|----------------|-------|
| 150       | LC12163-001B-A | MIRROR HOLDER TOP   |                |       |
| 151       | QYSBSFG4010ZA  | TAP SCREW           | M4 x 10mm(x8)  |       |
| 152       | QYSBSG4012ZA   | TAP SCREW           | M4 x 12mm(x12) |       |
| 153       | LC33173-001A-A | MIR HLD SUPPORT     |                |       |
| 154       | QYSBSFG4012ZA  | TAP SCREW           | M4 x 12mm(x2)  |       |
| 155       | LC33141-001A-A | M HOLDER BKT T      | (x2)           |       |
| 156       | LC12165-002A-A | MIRROR HOLDER LEFT  |                |       |
| 157       | LC12165-001A-A | MIRROR HOLDER RIGHT |                |       |
| 158       | LC33140-001A-A | M HOLDER BKT B      | (x2)           |       |
| 159       | LC12164-001B-A | MIRROR HOLDER B     |                |       |
| 160       | LC12333-001A-A | BC BRACKET L        |                |       |
| 161       | LC12334-001A-A | BC BRACKET R        |                |       |
| 162       | QYSBSFG4016MA  | TAP SCREW           | M4 x 16mm(x4)  |       |
| 163       | QYSBSG4012ZA   | TAP SCREW           | M4 x 12mm(x8)  |       |
| 164       | LC12335-001A-A | BC BRACKET REAR     |                |       |
| 165       | QYSBSFG4016MA  | TAP SCREW           | M4 x 16mm(x4)  |       |
| 166       | LC21539-001A-A | FILTER COVER        | (x2)           |       |
| 167       | LC32621-001A-A | BACK COVER FILTER   | (x2)           |       |
| 168       | LC12167-001B-A | SC HOLDER TF        |                |       |
| 169       | LC12171-001B-A | SC HOLDER BF        |                |       |
| 170       | LC12169-001B-A | SC HOLDER LRF       | (x2)           |       |
| 171       | QYSBSG4012ZA   | TAP SCREW           | M4 x 12mm(x8)  |       |
| 172       | QYSBSG4012ZA   | TAP SCREW           | M4 x 12mm(x4)  |       |
| 173       | LC12168-001C-A | SC HOLDER TB        |                |       |
| 174       | LC12172-001C-A | SC HOLDER BB        |                |       |
| 175       | LC12170-001C-A | SC HOLDER LRB       | (x2)           |       |
| 176       | QYSBSG4012ZA   | TAP SCREW           | M4 x 12mm(x14) |       |
| 177       | QYSBSF4012Z    | TAP SCREW           | M4 x 12mm(x6)  |       |
| △ 178     | 70SC-001A      | SCREEN ASSY         |                |       |
| 179       | LC33055-001A   | 70" GLASS MIRROR    |                |       |
| 180       | LC12332-001A-A | BC BRACKET FRONT    |                |       |

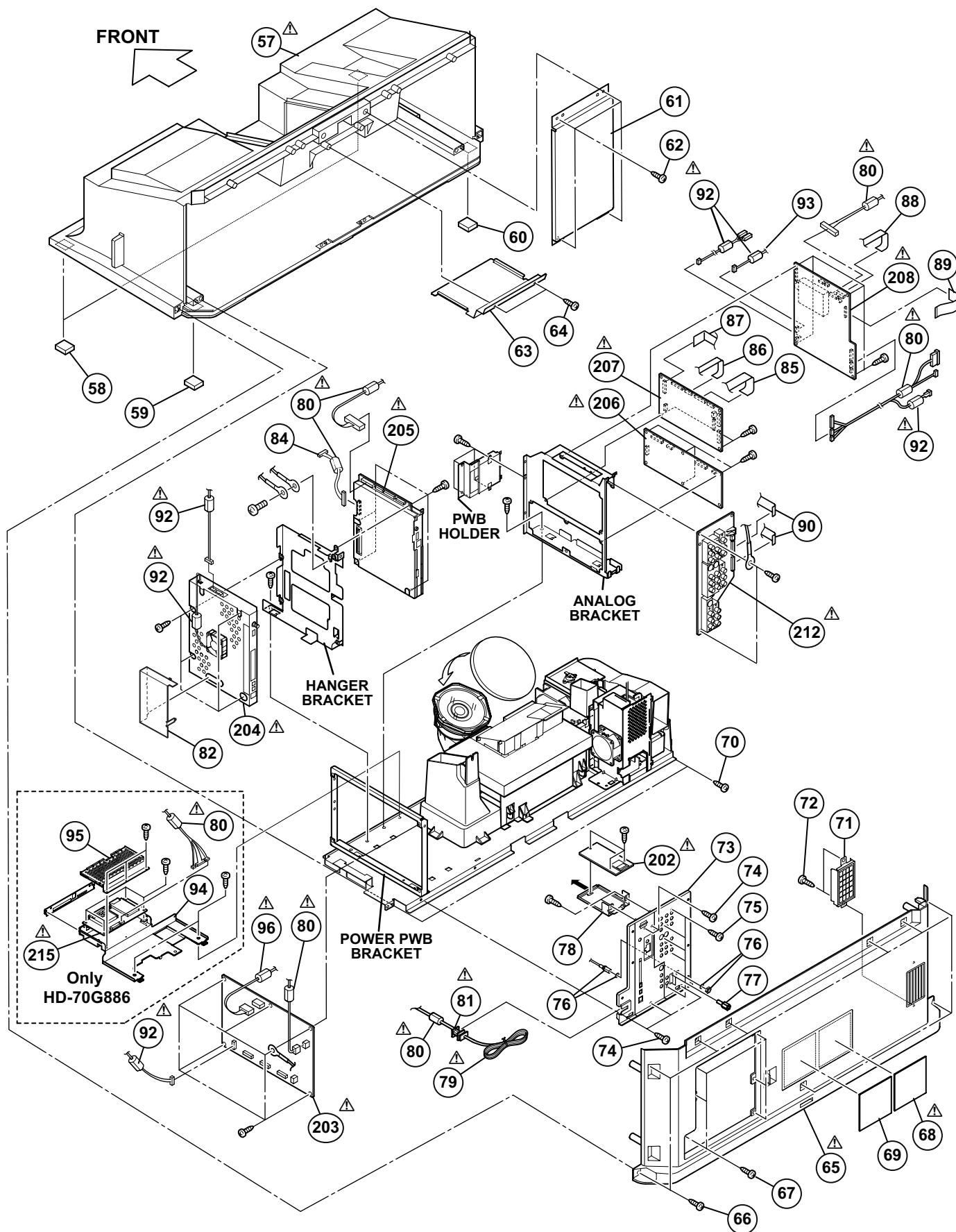
# EXPLODED VIEW -4 [HD-70G886]



# EXPLODED VIEW PARTS LIST -5

| △ | Ref.No. | Part No.       | Part Name             | Description               | Local               |
|---|---------|----------------|-----------------------|---------------------------|---------------------|
| △ | 57      | LC11868-008A-A | BODY                  |                           | HD-61Z786,HD-61Z886 |
| △ | 57      | LC11868-006A-A | BODY                  |                           | HD-70G886           |
|   | 58      | LC32861-001A-A | FOOT FRONT            | (x2)                      |                     |
|   | 59      | LC32862-001A-A | FOOT BACK R           |                           |                     |
|   | 60      | LC32862-002A-A | FOOT BACK L           |                           |                     |
|   | 61      | LC11943-001B-A | BODY BRACKET          |                           |                     |
|   | 62      | QYSBSFG4016MA  | TAP SCREW             | For BODY BRACKET(x4)      |                     |
|   | 63      | LC32754-001C-A | TOP SHADE BRACKET     |                           |                     |
|   | 64      | QYSBSFG4016MA  | TAP SCREW             | For TOP SHADE BRACKET(x2) |                     |
| △ | 65      | LC11873-001C-A | BODY COVER            |                           |                     |
|   | 66      | QYSBSFG4016MA  | TAP SCREW             | For BODY COVER(x9)        |                     |
|   | 67      | QYSBSG4012Z    | TAP SCREW             | M4 x 12mm(x6)             |                     |
| △ | 68      | LC33157-001A-A | RATING LABEL          |                           |                     |
|   | 69      | LC32925-001A-A | LICENSE LABEL         |                           |                     |
|   | 70      | QYSBSFG4016MA  | TAP SCREW             | For MAIN UNIT(x2)         |                     |
|   | 71      | LC21690-001B-A | LAMP DUCT BRACKET     |                           |                     |
|   | 72      | QYSBSFG4016MA  | TAP SCREW             | For LAMP DUCT BRACKET(x2) |                     |
|   | 73      | LC21880-001B-A | AV BOARD              |                           |                     |
|   | 74      | QYSBSG4010Z    | TAP SCREW             | M4 x 10mm(x5)             |                     |
|   | 75      | QYSBSF3012M    | TAP SCREW             | M3 x 12mm(x5)             |                     |
|   | 76      | QAM0493-001    | F CABLE               |                           |                     |
|   | 77      | QNB0036-001    | HEX SCREW             | (x2)                      |                     |
|   | 78      | LC33073-001A-A | SD CARD BRACKET       |                           |                     |
| △ | 79      | QMPD290-200-JC | POWER CORD(US/CA)     | 2m BLACK                  |                     |
| △ | 80      | QQR0491-001    | FERRITE CORE          | (x6)                      | HD-61Z786,HD-61Z886 |
| △ | 80      | QQR0491-001    | FERRITE CORE          | (x7)                      | HD-70G886           |
| △ | 81      | LC20106-001D-A | POWER CORD CLAMP      |                           |                     |
|   | 82      | LC21835-001B-A | ATSC COVER            |                           |                     |
|   | 84      | WJW0022-002A   | E-TWISTED ASSY        |                           |                     |
|   | 85      | QUQ105-5013AE  | FFC WIRE              | 50pin 13cm                |                     |
|   | 86      | QUQ105-3015AE  | FFC WIRE              | 30pin 15cm                |                     |
|   | 87      | QUQ105-5013AE  | FFC WIRE              | 50pin 13cm                |                     |
|   | 88      | QUQ105-3015AE  | FFC WIRE              | 30pin 15cm                |                     |
|   | 89      | QUQ105-4013AE  | FFC WIRE              | 40pin 13cm                |                     |
|   | 90      | QUQ105-5013AE  | FFC WIRE              | 50pin 13cm(x2)            |                     |
| △ | 92      | QQR0490-001    | NOISE FILTER          | (x6)                      |                     |
|   | 93      | QJJ015-052820  | SIN CR C-C WIRE       |                           |                     |
|   | 94      | LC21842-001B-A | CARD BRACKET ASSY     |                           | HD-70G886           |
|   | 95      | LC33049-001B-A | CARD SHIELD COVER     |                           | HD-70G886           |
| △ | 96      | QQR0675-001    | CORE FILTER           |                           |                     |
| △ | 202     | SRP-8510A-M2   | SD CARD PWB           |                           |                     |
| △ | 203     | SRP-9021A-M2   | POWER PWB             |                           |                     |
| △ | 204     | SSD-2104A-M2   | ATSC TUNER MODULE PWB | Inc.COOLING FAN           |                     |
| △ | 205     | SRP0D023A-M2   | DIGITAL SIGNAL PWB    |                           | HD-61Z786           |
| △ | 205     | SRP0D022A-M2   | DIGITAL SIGNAL PWB    |                           | HD-61Z886           |
| △ | 205     | SRP0D021A-M2   | DIGITAL SIGNAL PWB    |                           | HD-70G886           |
| △ | 206     | SRP-2022A-M2   | REGULATOR PWB         |                           | HD-61Z786,HD-61Z886 |
| △ | 206     | SRP-2021A-M2   | REGULATOR PWB         |                           | HD-70G886           |
| △ | 207     | SRP-1022A-M2   | ANALOG SIGNAL PWB     |                           | HD-61Z786,HD-61Z886 |
| △ | 207     | SRP-1021A-M2   | ANALOG SIGNAL PWB     |                           | HD-70G886           |
| △ | 208     | SRP0R021A-M2   | RECEIVER PWB          |                           |                     |
| △ | 212     | SRP0J021A-M2   | REAR JACK PWB         |                           |                     |
| △ | 215     | SRP-8511A-M2   | CARD VIEWER PWB       |                           | HD-70G886           |

# EXPLODED VIEW -5

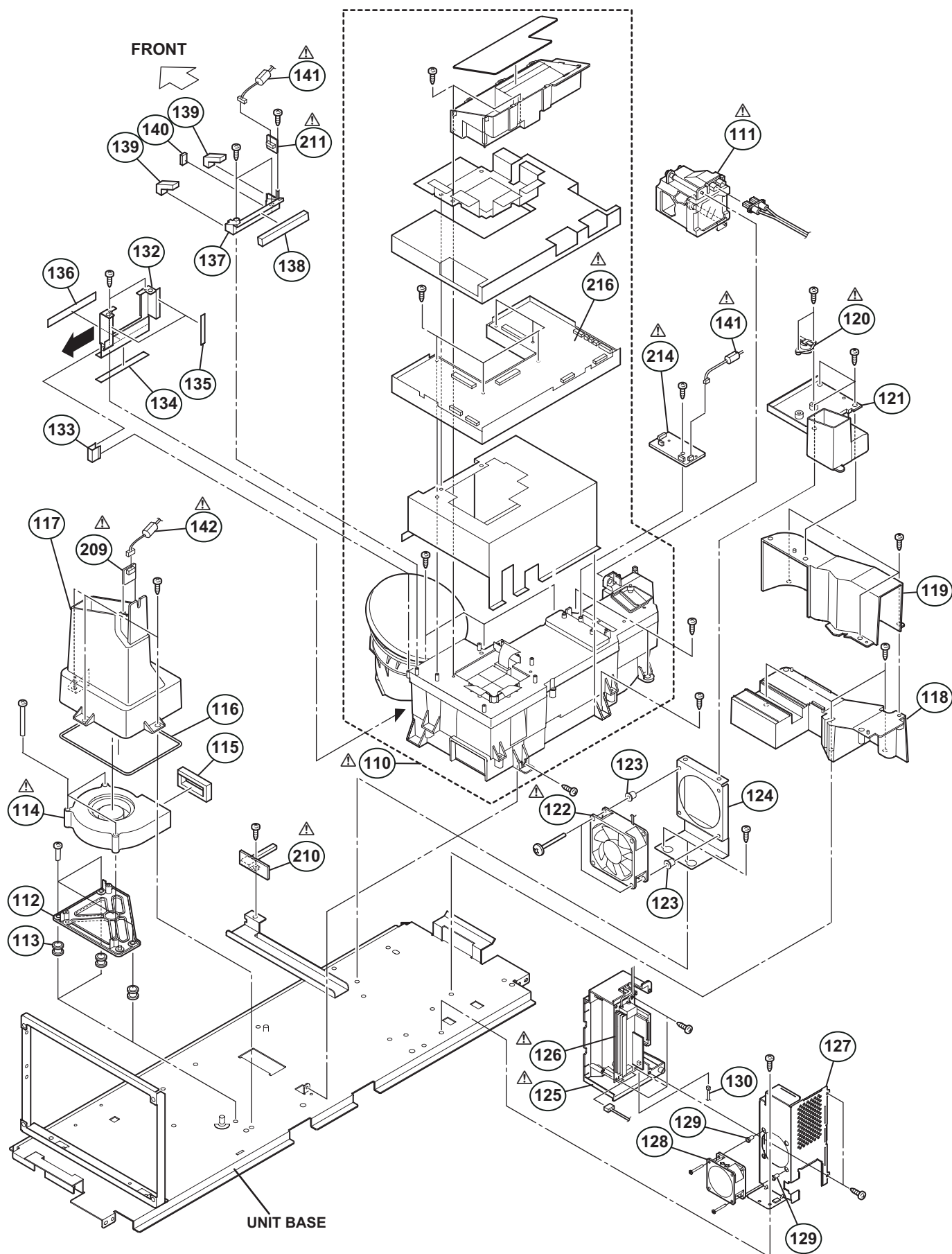


# EXPLODED VIEW PARTS LIST -6

| △ | Ref.No. | Part No.       | Part Name          | Description                             | Local               |
|---|---------|----------------|--------------------|-----------------------------------------|---------------------|
| △ | 110     | TS-COP6A-SAA   | OPTICAL/DRIVE ASSY | Inc.D-ILA DEVICE/MAIN DRIVE PWB/PJ LENS | HD-61Z786,HD-61Z886 |
| △ | 110     | TS-COP6B-SAA   | OPTICAL/DRIVE ASSY | Inc.D-ILA DEVICE/MAIN DRIVE PWB/PJ LENS | HD-70G886           |
| △ | 111     | TS-CL110UAA    | LAMP UNIT          | Inc.Accessory                           |                     |
|   | 112     | LC21682-001B-A | SIROCCO HOLDER     |                                         |                     |
|   | 113     | LC40113-002A-A | SPACER(CUSHION)    | (x3)                                    |                     |
| △ | 114     | QAR0335-001    | COOLING FAN        |                                         |                     |
|   | 115     | LC32447-026A-A | STICK SHEET        |                                         |                     |
|   | 116     | LC32447-027A-A | STICK SHEET        |                                         |                     |
|   | 117     | LC11886-001C-A | SIROCCO CASE TOP   |                                         |                     |
|   | 118     | LC11889-001D-A | LAMP DUCT BOTTOM   |                                         |                     |
|   | 119     | LC11888-001D-A | LAMP DUCT TOP      |                                         |                     |
| △ | 120     | QMR0011-001    | TH PROTECTOR       |                                         |                     |
|   | 121     | LC11967-001E-A | DUCT PCS           |                                         |                     |
| △ | 122     | QAR0354-001    | COOLING FAN        |                                         |                     |
|   | 123     | LC42034-001A-A | WELL NUT           | (x2)                                    |                     |
|   | 124     | LC21811-001A-A | LAMP FAN HOLDER    |                                         |                     |
| △ | 125     | LC12146-001B-A | BALLAST CASE       |                                         |                     |
| △ | 126     | QAL0676-001    | LAMP BALLAST UNIT  |                                         |                     |
|   | 127     | LC21791-001A-A | BALLAST BRACKET    |                                         |                     |
|   | 128     | QAR0332-001    | COOLING FAN        |                                         |                     |
|   | 129     | LC42034-001A-A | WELL NUT           | (x2)                                    |                     |
|   | 130     | QWTB73H-060    | VINYL TUBE         |                                         |                     |
|   | 132     | LC21730-001A-A | FRONT SHADE BKT    |                                         |                     |
|   | 133     | LC41843-001A-C | CLIP SPRING        |                                         |                     |
|   | 134     | LC41546-016A-C | GASKET             |                                         |                     |
|   | 135     | LC41546-017A-C | GASKET             | (x2)                                    |                     |
|   | 136     | LC32447-033A-A | STICK SHEET        |                                         |                     |
|   | 137     | LC11986-001C-A | SHADE COVER        |                                         |                     |
|   | 138     | LC32447-028A-A | STICK SHEET        |                                         |                     |
|   | 139     | LC32447-034A-A | STICK SHEET        | (x2)                                    |                     |
|   | 140     | LC42027-002A-A | PJ CUSHION         |                                         |                     |
| △ | 141     | QQR0491-001    | FERRITE CORE       | (x2)                                    |                     |
| △ | 142     | QQR0490-001    | NOISE FILTER       |                                         |                     |
| △ | 209     | SRP-8206A-M2   | TEMP SENSOR PWB    |                                         |                     |
| △ | 210     | SRP0L205A-M2   | LAMP COVER SW PWB  |                                         |                     |
| △ | 211     | SRP-8005A-M2   | REMOTE SENSOR PWB  |                                         |                     |
| △ | 214     | SRP-8106A-M2   | FAN CONTROL PWB    |                                         |                     |
| △ | 216     | SRP-3006A-M2   | MAIN DRIVE PWB     |                                         | HD-61Z786,HD-61Z886 |
| △ | 216     | SRP-3010A-M2   | MAIN DRIVE PWB     |                                         | HD-70G886           |



# EXPLODED VIEW -6



# PRINTED WIRING BOARD PARTS LIST [HD-61Z786]

## ANALOG SIGNAL P.W. BOARD ASS'Y (SRP-1022A-M2)

| △Ref No. | Part No.       | Part Name   | Description Local |
|----------|----------------|-------------|-------------------|
| IC201    | TA1370FG-X     | IC          |                   |
| IC202    | SN74AHC1G08V-X | IC          |                   |
| IC301    | AN15852A       | IC          |                   |
| IC501    | CXA2069Q       | IC          |                   |
| IC502    | MM1510XN-X     | IC          |                   |
| IC503    | MM1510XN-X     | IC          |                   |
| IC504    | MM1510XN-X     | IC          |                   |
| IC604    | RC4558D-X      | IC          |                   |
| IC801    | TB1274BFG      | IC          |                   |
| IC802    | TC90A69AF-X    | IC          |                   |
| IC803    | BA50BC0FP-X    | IC          |                   |
| IC902    | TA48M033F-X    | IC          |                   |
| Q301     | 2SC3837K/NP/-X | TRANSISTOR  |                   |
| Q302     | 2SC3837K/NP/-X | TRANSISTOR  |                   |
| Q303     | 2SC3837K/NP/-X | TRANSISTOR  |                   |
| Q304     | 2SC3837K/NP/-X | TRANSISTOR  |                   |
| Q305     | 2SC3837K/NP/-X | TRANSISTOR  |                   |
| Q306     | 2SC3837K/NP/-X | TRANSISTOR  |                   |
| Q307     | 2SA1530A/QR/-X | TRANSISTOR  |                   |
| Q402     | 2SK1374-X      | MOS FET     |                   |
| Q403     | 2SK1374-X      | MOS FET     |                   |
| Q404     | 2SK1374-X      | MOS FET     |                   |
| Q405     | 2SK1374-X      | MOS FET     |                   |
| Q507     | 2SA1530A/QR/-X | TRANSISTOR  |                   |
| Q508     | 2SA1530A/QR/-X | TRANSISTOR  |                   |
| Q509     | 2SA1530A/QR/-X | TRANSISTOR  |                   |
| Q801     | 2SA1530A/QR/-X | TRANSISTOR  |                   |
| Q802     | 2SA1530A/QR/-X | TRANSISTOR  |                   |
| Q810     | 2SA1530A/QR/-X | TRANSISTOR  |                   |
| Q851     | 2SA1530A/QR/-X | TRANSISTOR  |                   |
| Q853     | 2SC3928A/QR/-X | TRANSISTOR  |                   |
| Q854     | 2SC3928A/QR/-X | TRANSISTOR  |                   |
| Q855     | 2SA1530A/QR/-X | TRANSISTOR  |                   |
| Q858     | 2SC3928A/QR/-X | TRANSISTOR  |                   |
| Q859     | 2SA1530A/QR/-X | TRANSISTOR  |                   |
| Q862     | 2SC3928A/QR/-X | TRANSISTOR  |                   |
| Q863     | 2SC3928A/QR/-X | TRANSISTOR  |                   |
| Q901     | 2SC3074/OY/-X  | TRANSISTOR  |                   |
| QB613    | 2SC3928A/QR/-X | TRANSISTOR  |                   |
| QB614    | 2SA1530A/QR/-X | TRANSISTOR  |                   |
| D501     | MA8100/M/-X    | Z DIODE     |                   |
| D903     | PTZ11B-X       | Z DIODE     |                   |
| D904     | PTZ6.8B-X      | Z DIODE     |                   |
| DB201    | MA8033-X       | Z DIODE     |                   |
| DB301    | MA8100/M/-X    | Z DIODE     |                   |
| DB302    | MA8100/M/-X    | Z DIODE     |                   |
| DB601    | MA111-X        | SI DIODE    |                   |
| DB602    | MA111-X        | SI DIODE    |                   |
| DB605    | MA111-X        | SI DIODE    |                   |
| C201     | NCB31HK-103X   | C CAPACITOR | 0.01uF 50V K      |
| C202     | NEH71HM-225X   | E CAPACITOR | 2.2uF 50V M       |
| C203     | NCB31HK-103X   | C CAPACITOR | 0.01uF 50V K      |
| C204     | NEHL1AM-107X   | E CAPACITOR | 100uF 10V M       |
| C205     | NEH71HM-105X   | E CAPACITOR | 1uF 50V M         |
| C206     | NCB21CK-105X   | C CAPACITOR | 1uF 16V K         |
| C207     | NCB31AK-105X   | C CAPACITOR | 1uF 10V K         |
| C301     | NCF31CZ-104X   | C CAPACITOR | 0.1uF 16V Z       |
| C302     | NEHL1CM-476X   | E CAPACITOR | 47uF 16V M        |
| C306     | NCB31HK-103X   | C CAPACITOR | 0.01uF 50V K      |
| C307     | NCB31HK-103X   | C CAPACITOR | 0.01uF 50V K      |
| C308     | NCB31HK-103X   | C CAPACITOR | 0.01uF 50V K      |
| C313     | NCB31HK-103X   | C CAPACITOR | 0.01uF 50V K      |
| C314     | NCB31HK-103X   | C CAPACITOR | 0.01uF 50V K      |
| C315     | NCB31HK-103X   | C CAPACITOR | 0.01uF 50V K      |
| C317     | NCB31HK-103X   | C CAPACITOR | 0.01uF 50V K      |
| C318     | NCB31HK-103X   | C CAPACITOR | 0.01uF 50V K      |
| C319     | NEHL1CM-476X   | E CAPACITOR | 47uF 16V M        |
| C320     | NCB31CK-104X   | C CAPACITOR | 0.1uF 16V K       |
| C321     | NEHL1CM-106X   | E CAPACITOR | 10uF 16V M        |
| C322     | NCF31CZ-104X   | C CAPACITOR | 0.1uF 16V Z       |
| C323     | NEHL1CM-476X   | E CAPACITOR | 47uF 16V M        |
| C324     | NCB21CK-105X   | C CAPACITOR | 1uF 16V K         |
| C325     | NCB21CK-105X   | C CAPACITOR | 1uF 16V K         |
| C326     | NCB21CK-105X   | C CAPACITOR | 1uF 16V K         |
| C327     | NCB21CK-105X   | C CAPACITOR | 1uF 16V K         |
| C328     | NCB21CK-105X   | C CAPACITOR | 1uF 16V K         |
| C329     | NCB21CK-105X   | C CAPACITOR | 1uF 16V K         |

| △Ref No. | Part No.     | Part Name      | Description Local |
|----------|--------------|----------------|-------------------|
| C330     | NCB21CK-105X | C CAPACITOR    | 1uF 16V K         |
| C339     | NCB21CK-105X | C CAPACITOR    | 1uF 16V K         |
| C340     | NCB21CK-105X | C CAPACITOR    | 1uF 16V K         |
| C341     | NCB31HK-472X | C CAPACITOR    | 4700pF 50V K      |
| C342     | NCB31HK-472X | C CAPACITOR    | 4700pF 50V K      |
| C343     | NCB21CK-105X | C CAPACITOR    | 1uF 16V K         |
| C346     | NCB21CK-105X | C CAPACITOR    | 1uF 16V K         |
| C348     | NCF31CZ-104X | C CAPACITOR    | 0.1uF 16V Z       |
| C349     | NENA1EM-106X | BP E CAPACITOR | 10uF 25V M        |
| C351     | NCF31CZ-104X | C CAPACITOR    | 0.1uF 16V Z       |
| C354     | NCF31CZ-104X | C CAPACITOR    | 0.1uF 16V Z       |
| C355     | NRSA02J-0R0X | MG RESISTOR    | 0Ω 1/10W J        |
| C356     | NRSA02J-0R0X | MG RESISTOR    | 0Ω 1/10W J        |
| C357     | NRSA02J-0R0X | MG RESISTOR    | 0Ω 1/10W J        |
| C372     | NCF31CZ-104X | C CAPACITOR    | 0.1uF 16V Z       |
| C382     | NCF31CZ-104X | C CAPACITOR    | 0.1uF 16V Z       |
| C392     | NCF31CZ-104X | C CAPACITOR    | 0.1uF 16V Z       |
| C403     | NEHL1CM-476X | E CAPACITOR    | 47uF 16V M        |
| C404     | NCB31EK-473X | C CAPACITOR    | 0.047uF 25V K     |
| C405     | NCB11CK-475X | C CAPACITOR    | 4.7uF 16V K       |
| C406     | NCB11CK-475X | C CAPACITOR    | 4.7uF 16V K       |
| C501     | NEHL1CM-476X | E CAPACITOR    | 47uF 16V M        |
| C502     | NEHL1CM-476X | E CAPACITOR    | 47uF 16V M        |
| C503     | NENA1EM-106X | BP E CAPACITOR | 10uF 25V M        |
| C505     | NENA1EM-106X | BP E CAPACITOR | 10uF 25V M        |
| C506     | NDC31HJ-270X | C CAPACITOR    | 27pF 50V J        |
| C515     | NCB21CK-105X | C CAPACITOR    | 1uF 16V K         |
| C516     | NEHL1CM-106X | E CAPACITOR    | 10uF 16V M        |
| C517     | NEHL1AM-107X | E CAPACITOR    | 100uF 10V M       |
| C519     | NEH71HM-106X | E CAPACITOR    | 10uF 50V M        |
| C520     | NCB21CK-105X | C CAPACITOR    | 1uF 16V K         |
| C521     | NEHL1CM-106X | E CAPACITOR    | 10uF 16V M        |
| C522     | NEHL1AM-107X | E CAPACITOR    | 100uF 10V M       |
| C523     | NEHL1CM-106X | E CAPACITOR    | 10uF 16V M        |
| C524     | NCB21CK-105X | C CAPACITOR    | 1uF 16V K         |
| C525     | NEHL1CM-106X | E CAPACITOR    | 10uF 16V M        |
| C526     | NEHL1AM-107X | E CAPACITOR    | 100uF 10V M       |
| C527     | NEHL1CM-106X | E CAPACITOR    | 10uF 16V M        |
| C661     | NEHL1CM-476X | E CAPACITOR    | 47uF 16V M        |
| C663     | NEHL1CM-106X | E CAPACITOR    | 10uF 16V M        |
| C664     | NEHL1CM-476X | E CAPACITOR    | 47uF 16V M        |
| C666     | NEHL1CM-106X | E CAPACITOR    | 10uF 16V M        |
| C801     | NCB31CK-104X | C CAPACITOR    | 0.1uF 16V K       |
| C802     | NCB31CK-104X | C CAPACITOR    | 0.1uF 16V K       |
| C803     | NCB31CK-104X | C CAPACITOR    | 0.1uF 16V K       |
| C804     | NEHL1CM-476X | E CAPACITOR    | 47uF 16V M        |
| C805     | NCB31HK-103X | C CAPACITOR    | 0.01uF 50V K      |
| C806     | NCB31HK-103X | C CAPACITOR    | 0.01uF 50V K      |
| C807     | NEHL1CM-476X | E CAPACITOR    | 47uF 16V M        |
| C808     | NCB31HK-103X | C CAPACITOR    | 0.01uF 50V K      |
| C809     | NCF11CZ-475X | C CAPACITOR    | 4.7uF 16V Z       |
| C813     | NEHL1CM-476X | E CAPACITOR    | 47uF 16V M        |
| C814     | NCB31HK-103X | C CAPACITOR    | 0.01uF 50V K      |
| C818     | NEH71HM-106X | E CAPACITOR    | 10uF 50V M        |
| C819     | NDC31HJ-8R0X | C CAPACITOR    | 8pF 50V J         |
| C820     | NCB31AK-474X | C CAPACITOR    | 0.47uF 10V K      |
| C821     | NCB31HK-103X | C CAPACITOR    | 0.01uF 50V K      |
| C822     | NCB21AK-225X | C CAPACITOR    | 2.2uF 10V K       |
| C823     | NCB31HK-153X | C CAPACITOR    | 0.015uF 50V K     |
| C824     | NCB31HK-103X | C CAPACITOR    | 0.01uF 50V K      |
| C825     | NDC31HJ-180X | C CAPACITOR    | 18pF 50V J        |
| C826     | NEH71EM-226X | E CAPACITOR    | 22uF 25V M        |
| C827     | NEHL0JM-107X | E CAPACITOR    | 100uF 6.3V M      |
| C828     | NCB31CK-104X | C CAPACITOR    | 0.1uF 16V K       |
| C835     | NCB31HK-103X | C CAPACITOR    | 0.01uF 50V K      |
| C850     | NDC31HJ-180X | C CAPACITOR    | 18pF 50V J        |
| C851     | NDC31HJ-560X | C CAPACITOR    | 56pF 50V J        |
| C852     | NDC31HJ-560X | C CAPACITOR    | 56pF 50V J        |
| C853     | NEHL1CM-476X | E CAPACITOR    | 47uF 16V M        |
| C854     | NCB31CK-104X | C CAPACITOR    | 0.1uF 16V K       |
| C855     | NCB31HK-103X | C CAPACITOR    | 0.01uF 50V K      |
| C856     | NCB31HK-103X | C CAPACITOR    | 0.01uF 50V K      |
| C857     | NCB31HK-103X | C CAPACITOR    | 0.01uF 50V K      |
| C858     | NCB31HK-103X | C CAPACITOR    | 0.01uF 50V K      |
| C859     | NCB31AK-474X | C CAPACITOR    | 0.47uF 10V K      |
| C860     | NCB31HK-103X | C CAPACITOR    | 0.01uF 50V K      |
| C861     | NDC31HJ-681X | C CAPACITOR    | 680pF 50V J       |
| C862     | NCB31CK-104X | C CAPACITOR    | 0.1uF 16V K       |
| C863     | NCB31HK-103X | C CAPACITOR    | 0.01uF 50V K      |
| C864     | NCB31HK-103X | C CAPACITOR    | 0.01uF 50V K      |
| C865     | NDC31HJ-560X | C CAPACITOR    | 56pF 50V J        |
| C866     | NDC31HJ-560X | C CAPACITOR    | 56pF 50V J        |
| C868     | NCB31CK-104X | C CAPACITOR    | 0.1uF 16V K       |

| △Ref No. | Part No.     | Part Name   | Description Local | △Ref No. | Part No.     | Part Name   | Description Local |
|----------|--------------|-------------|-------------------|----------|--------------|-------------|-------------------|
| C869     | NDC31HJ-560X | C CAPACITOR | 56pF 50V J        | R504     | NRSA63J-682X | MG RESISTOR | 6.8kΩ 1/16W J     |
| C870     | NDC31HJ-560X | C CAPACITOR | 56pF 50V J        | R505     | NRSA63J-221X | MG RESISTOR | 220Ω 1/16W J      |
| C872     | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K       | R506     | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J       |
| C873     | NDC31HJ-330X | C CAPACITOR | 33pF 50V J        | R507     | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J       |
| C874     | NDC31HJ-150X | C CAPACITOR | 15pF 50V J        | R509     | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J        |
| C875     | NDC31HJ-100X | C CAPACITOR | 10pF 50V J        | R510     | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J        |
| C876     | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K      | R511     | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J        |
| C877     | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K      | R512     | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J        |
| C878     | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K       | R513     | NRSA63J-221X | MG RESISTOR | 220Ω 1/16W J      |
| C879     | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K       | R514     | NRSA63J-682X | MG RESISTOR | 6.8kΩ 1/16W J     |
| C880     | NEHL1AM-107X | E CAPACITOR | 100uF 10V M       | R516     | NRSA63J-221X | MG RESISTOR | 220Ω 1/16W J      |
| C881     | NEHL1AM-107X | E CAPACITOR | 100uF 10V M       | R517     | NRSA63J-682X | MG RESISTOR | 6.8kΩ 1/16W J     |
| C882     | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K      | R518     | NRSA63J-221X | MG RESISTOR | 220Ω 1/16W J      |
| C883     | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K      | R519     | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J        |
| C884     | NEHL1AM-107X | E CAPACITOR | 100uF 10V M       | R520     | NRSA63J-221X | MG RESISTOR | 220Ω 1/16W J      |
| C885     | NEHL1AM-107X | E CAPACITOR | 100uF 10V M       | R521     | NRSA63J-682X | MG RESISTOR | 6.8kΩ 1/16W J     |
| C886     | NEH71HM-106X | E CAPACITOR | 10uF 50V M        | R522     | NRSA63J-221X | MG RESISTOR | 220Ω 1/16W J      |
| C887     | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K       | R523     | NRSA63J-682X | MG RESISTOR | 6.8kΩ 1/16W J     |
| C888     | NEHL1AM-107X | E CAPACITOR | 100uF 10V M       | R524     | NRSA63J-221X | MG RESISTOR | 220Ω 1/16W J      |
| C889     | NEH71HM-106X | E CAPACITOR | 10uF 50V M        | R526     | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J        |
| C890     | NEH71HM-106X | E CAPACITOR | 10uF 50V M        | R527     | NRSA63J-682X | MG RESISTOR | 6.8kΩ 1/16W J     |
| C891     | NEHL1CM-476X | E CAPACITOR | 47uF 16V M        | R528     | NRSA63J-221X | MG RESISTOR | 220Ω 1/16W J      |
| C892     | NDC31HJ-180X | C CAPACITOR | 18pF 50V J        | R529     | NRSA63J-682X | MG RESISTOR | 6.8kΩ 1/16W J     |
| C894     | NDC31HJ-180X | C CAPACITOR | 18pF 50V J        | R530     | NRSA63J-221X | MG RESISTOR | 220Ω 1/16W J      |
| C895     | NDC31HJ-680X | C CAPACITOR | 68pF 50V J        | R531     | NRSA63J-221X | MG RESISTOR | 220Ω 1/16W J      |
| C904     | NCB11AK-106X | C CAPACITOR | 10uF 10V K        | R532     | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J        |
| C905     | NEHM1CM-476X | E CAPACITOR | 47uF 16V M        | R533     | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J        |
| C911     | NEX51CM-335X | E CAPACITOR | 3.3uF 16V M       | R534     | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J       |
| C912     | NEHL1CM-476X | E CAPACITOR | 47uF 16V M        | R538     | NRSA63J-682X | MG RESISTOR | 6.8kΩ 1/16W J     |
| C913     | NEX51CM-335X | E CAPACITOR | 3.3uF 16V M       | R539     | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J        |
| C916     | NEX50JM-156X | E CAPACITOR | 15uF 6.3V M       | R540     | NRSA63J-682X | MG RESISTOR | 6.8kΩ 1/16W J     |
| CB401    | NEH71HM-105X | E CAPACITOR | 1uF 50V M         | R541     | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J        |
| CB501    | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K       | R573     | NRSA63J-222X | MG RESISTOR | 2.2kΩ 1/16W J     |
| CB506    | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K       | R574     | NRSA63J-222X | MG RESISTOR | 2.2kΩ 1/16W J     |
| CB507    | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K       | R575     | NRSA63J-562X | MG RESISTOR | 5.6kΩ 1/16W J     |
| CB508    | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K       | R576     | NRSA63J-222X | MG RESISTOR | 2.2kΩ 1/16W J     |
| CB613    | NEHL1CM-106X | E CAPACITOR | 10uF 16V M        | R577     | NRSA63J-222X | MG RESISTOR | 2.2kΩ 1/16W J     |
| CB614    | NEHL1CM-476X | E CAPACITOR | 47uF 16V M        | R578     | NRSA63J-562X | MG RESISTOR | 5.6kΩ 1/16W J     |
|          |              |             |                   | R579     | NRSA63J-222X | MG RESISTOR | 2.2kΩ 1/16W J     |
| R201     | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J        | R580     | NRSA63J-222X | MG RESISTOR | 2.2kΩ 1/16W J     |
| R202     | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J        | R581     | NRSA63J-562X | MG RESISTOR | 5.6kΩ 1/16W J     |
| R203     | NRSA63J-822X | MG RESISTOR | 8.2kΩ 1/16W J     | R582     | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J        |
| R204     | NRSA63J-331X | MG RESISTOR | 330Ω 1/16W J      | R583     | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J        |
| R207     | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J        | R584     | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J        |
| R208     | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J        | R631     | NRSA63J-472X | MG RESISTOR | 4.7kΩ 1/16W J     |
| R211     | NRSA63J-222X | MG RESISTOR | 2.2kΩ 1/16W J     | R632     | NRSA63J-472X | MG RESISTOR | 4.7kΩ 1/16W J     |
| R212     | NRSA63J-222X | MG RESISTOR | 2.2kΩ 1/16W J     | R633     | NRSA63J-104X | MG RESISTOR | 100kΩ 1/16W J     |
| R213     | NRSA63J-330X | MG RESISTOR | 33Ω 1/16W J       | R634     | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J      |
| R214     | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J      | R635     | NRSA63J-472X | MG RESISTOR | 4.7kΩ 1/16W J     |
| R216     | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J      | R636     | NRSA63J-472X | MG RESISTOR | 4.7kΩ 1/16W J     |
| R218     | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J        | R637     | NRSA63J-104X | MG RESISTOR | 100kΩ 1/16W J     |
| R219     | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J        | R665     | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J        |
| R231     | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J        | R666     | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J        |
| R233     | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J        | R667     | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J      |
| R302     | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J        | R672     | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J        |
| R303     | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J        | R674     | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J        |
| R316     | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J        | R801     | NRSA63J-222X | MG RESISTOR | 2.2kΩ 1/16W J     |
| R318     | NRSA63J-470X | MG RESISTOR | 47Ω 1/16W J       | R802     | NRSA63J-222X | MG RESISTOR | 2.2kΩ 1/16W J     |
| R319     | NRSA63J-471X | MG RESISTOR | 470Ω 1/16W J      | R803     | NRSA63J-332X | MG RESISTOR | 3.3kΩ 1/16W J     |
| R321     | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J        | R804     | NRSA63J-222X | MG RESISTOR | 2.2kΩ 1/16W J     |
| R323     | NRSA63J-470X | MG RESISTOR | 47Ω 1/16W J       | R805     | NRSA63J-222X | MG RESISTOR | 2.2kΩ 1/16W J     |
| R324     | NRSA63J-471X | MG RESISTOR | 470Ω 1/16W J      | R806     | NRSA63J-332X | MG RESISTOR | 3.3kΩ 1/16W J     |
| R326     | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J        | R807     | NRSA63J-752X | MG RESISTOR | 7.5kΩ 1/16W J     |
| R328     | NRSA63J-470X | MG RESISTOR | 47Ω 1/16W J       | R808     | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J      |
| R329     | NRSA63J-471X | MG RESISTOR | 470Ω 1/16W J      | R809     | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J      |
| R334     | NRSA63J-222X | MG RESISTOR | 2.2kΩ 1/16W J     | R816     | NRSA63J-273X | MG RESISTOR | 27kΩ 1/16W J      |
| R335     | NRSA63J-222X | MG RESISTOR | 2.2kΩ 1/16W J     | R817     | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J      |
| R336     | NRSA63J-562X | MG RESISTOR | 5.6kΩ 1/16W J     | R818     | NRSA63J-332X | MG RESISTOR | 3.3kΩ 1/16W J     |
| R337     | NRSA63J-750X | MG RESISTOR | 75Ω 1/16W J       | R819     | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J      |
| R338     | NRSA63J-750X | MG RESISTOR | 75Ω 1/16W J       | R839     | NRSA63J-222X | MG RESISTOR | 2.2kΩ 1/16W J     |
| R339     | NRSA63J-750X | MG RESISTOR | 75Ω 1/16W J       | R840     | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J      |
| R372     | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J        | R851     | NRSA63J-391X | MG RESISTOR | 390Ω 1/16W J      |
| R374     | NRSA63J-471X | MG RESISTOR | 470Ω 1/16W J      | R852     | NRSA63J-391X | MG RESISTOR | 390Ω 1/16W J      |
| R375     | NRSA63J-750X | MG RESISTOR | 75Ω 1/16W J       | R853     | NRSA63J-183X | MG RESISTOR | 18kΩ 1/16W J      |
| R382     | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J        | R854     | NRSA63J-822X | MG RESISTOR | 8.2kΩ 1/16W J     |
| R384     | NRSA63J-471X | MG RESISTOR | 470Ω 1/16W J      | R855     | NRSA63J-682X | MG RESISTOR | 6.8kΩ 1/16W J     |
| R385     | NRSA63J-750X | MG RESISTOR | 75Ω 1/16W J       | R856     | NRSA63J-105X | MG RESISTOR | 1MΩ 1/16W J       |
| R392     | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J        | R859     | NRSA63J-821X | MG RESISTOR | 820Ω 1/16W J      |
| R394     | NRSA63J-471X | MG RESISTOR | 470Ω 1/16W J      | R860     | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J      |
| R395     | NRSA63J-750X | MG RESISTOR | 75Ω 1/16W J       | R861     | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J      |
| R402     | NRSA63J-332X | MG RESISTOR | 3.3kΩ 1/16W J     | R862     | NRSA63J-331X | MG RESISTOR | 330Ω 1/16W J      |
| R403     | NRSA63J-332X | MG RESISTOR | 3.3kΩ 1/16W J     | R863     | NRSA63J-821X | MG RESISTOR | 820Ω 1/16W J      |
| R404     | NRSA63J-332X | MG RESISTOR | 3.3kΩ 1/16W J     | R864     | NRSA63J-391X | MG RESISTOR | 390Ω 1/16W J      |
| R405     | NRSA63J-332X | MG RESISTOR | 3.3kΩ 1/16W J     | R865     | NRSA63J-391X | MG RESISTOR | 390Ω 1/16W J      |
| R501     | NRSA63J-221X | MG RESISTOR | 220Ω 1/16W J      | R866     | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J        |
| R502     | NRSA63J-682X | MG RESISTOR | 6.8kΩ 1/16W J     | R867     | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J        |
| R503     | NRSA63J-221X | MG RESISTOR | 220Ω 1/16W J      | R869     | NRSA63J-562X | MG RESISTOR | 5.6kΩ 1/16W J     |

| △Ref No. | Part No.      | Part Name     | Description Local | △Ref No. | Part No.     | Part Name   | Description Local |
|----------|---------------|---------------|-------------------|----------|--------------|-------------|-------------------|
| R873     | NRSA63J-821X  | MG RESISTOR   | 820Ω 1/16W J      | D2001    | D1FS4-X      | SB DIODE    |                   |
| R874     | NRSA63J-391X  | MG RESISTOR   | 390Ω 1/16W J      | D2002    | MA111-X      | SI DIODE    |                   |
| R876     | NRSA63J-0R0X  | MG RESISTOR   | 0Ω 1/16W J        | D2102    | FSQ05A04     | SB DIODE    |                   |
| R877     | NRSA63J-821X  | MG RESISTOR   | 820Ω 1/16W J      | D2103    | MTZJ11B-T2   | Z DIODE     |                   |
| R879     | NRSA63J-562X  | MG RESISTOR   | 5.6kΩ 1/16W J     | D2202    | FSQ05A04     | SB DIODE    |                   |
| R883     | NRSA63J-471X  | MG RESISTOR   | 470Ω 1/16W J      | D2203    | MTZJ6.8B-T2  | Z DIODE     |                   |
| R884     | NRSA63J-152X  | MG RESISTOR   | 1.5kΩ 1/16W J     | D2302    | EC30HA03L-X  | SB DIODE    |                   |
| R885     | NRSA63J-123X  | MG RESISTOR   | 12kΩ 1/16W J      | D2303    | EC30HA03L-X  | SB DIODE    |                   |
| R886     | NRSA63J-562X  | MG RESISTOR   | 5.6kΩ 1/16W J     | D2304    | MTZJ3.9B-T2  | Z DIODE     |                   |
| R887     | NRSA63J-102X  | MG RESISTOR   | 1kΩ 1/16W J       | D2401    | MA111-X      | SI DIODE    |                   |
| R888     | NRSA63J-102X  | MG RESISTOR   | 1kΩ 1/16W J       | D2402    | EC30HA03L-X  | SB DIODE    |                   |
| R889     | NRSA63J-102X  | MG RESISTOR   | 1kΩ 1/16W J       | D2403    | EC30HA03L-X  | SB DIODE    |                   |
| R893     | NRSA63J-682X  | MG RESISTOR   | 6.8kΩ 1/16W J     | D2404    | MTZJ3.9B-T2  | Z DIODE     |                   |
| R907     | NRS12BJ-331W  | MG RESISTOR   | 330Ω 1/2W J       | D2701    | MA8051/M/-X  | Z DIODE     |                   |
| R917     | NRSA63J-0R0X  | MG RESISTOR   | 0Ω 1/16W J        | D2801    | MA111-X      | SI DIODE    |                   |
| RB203    | NRSA63J-271X  | MG RESISTOR   | 270Ω 1/16W J      | D2802    | MA8051/M/-X  | Z DIODE     |                   |
| RB401    | NRSA63J-222X  | MG RESISTOR   | 2.2kΩ 1/16W J     | D2803    | MA111-X      | SI DIODE    |                   |
| RB402    | NRSA63J-332X  | MG RESISTOR   | 3.3kΩ 1/16W J     | D2804    | MA111-X      | SI DIODE    |                   |
| RB502    | NRSA63J-0R0X  | MG RESISTOR   | 0Ω 1/16W J        | D2805    | MA111-X      | SI DIODE    |                   |
| RB503    | NRSA63J-0R0X  | MG RESISTOR   | 0Ω 1/16W J        | D2806    | MA8051/M/-X  | Z DIODE     |                   |
| RB505    | NRSA63J-0R0X  | MG RESISTOR   | 0Ω 1/16W J        | D2807    | MA111-X      | SI DIODE    |                   |
| RB507    | NRSA63J-0R0X  | MG RESISTOR   | 0Ω 1/16W J        | D2808    | MA111-X      | SI DIODE    |                   |
| RB508    | NRSA63J-0R0X  | MG RESISTOR   | 0Ω 1/16W J        | D2809    | MA111-X      | SI DIODE    |                   |
| RB513    | NRSA63J-0R0X  | MG RESISTOR   | 0Ω 1/16W J        |          |              |             |                   |
| RB516    | NRSA63J-0R0X  | MG RESISTOR   | 0Ω 1/16W J        | C2001    | QETN1EM-107Z | E CAPACITOR | 100uF 25V M       |
| RB520    | NRSA63J-0R0X  | MG RESISTOR   | 0Ω 1/16W J        | C2002    | QETN1EM-107Z | E CAPACITOR | 100uF 25V M       |
| RB617    | NRSA63J-563X  | MG RESISTOR   | 56kΩ 1/16W J      | C2003    | NCB31HK-102X | C CAPACITOR | 1000pF 50V K      |
| RB618    | NRSA63J-102X  | MG RESISTOR   | 1kΩ 1/16W J       | C2101    | QETN1EM-108Z | E CAPACITOR | 1000uF 25V M      |
| RB619    | NRSA63J-104X  | MG RESISTOR   | 100kΩ 1/16W J     | C2102    | NCB31EK-104X | C CAPACITOR | 0.1uF 25V K       |
| RB620    | NRSA63J-153X  | MG RESISTOR   | 15kΩ 1/16W J      | C2103    | QEZ0255-128  | E CAPACITOR | 1200uF 16V M      |
| RB621    | NRSA63J-563X  | MG RESISTOR   | 56kΩ 1/16W J      | C2106    | NCB31HK-102X | C CAPACITOR | 1000pF 50V K      |
| RB623    | NRSA63J-0R0X  | MG RESISTOR   | 0Ω 1/16W J        | C2201    | QETN1EM-108Z | E CAPACITOR | 1000uF 25V M      |
| RB624    | NRSA63J-563X  | MG RESISTOR   | 56kΩ 1/16W J      | C2202    | NCB31EK-104X | C CAPACITOR | 0.1uF 25V K       |
| RB625    | NRSA63J-0R0X  | MG RESISTOR   | 0Ω 1/16W J        | C2203    | QEZ0256-128  | E CAPACITOR | 1200uF 10V M      |
| RB801    | NRSA63J-0R0X  | MG RESISTOR   | 0Ω 1/16W J        | C2206    | NCB31HK-102X | C CAPACITOR | 1000pF 50V K      |
|          |               |               |                   | C2207    | QEZ0256-128  | E CAPACITOR | 1200uF 10V M      |
| L201     | NQL914K-101X  | COIL          | 100uH K           | C2303    | QCZ0397-106Z | C CAPACITOR | 10uF              |
| L807     | NQR0413-003X  | FERRITE BEADS |                   | C2304    | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K      |
| L808     | NQR0413-003X  | FERRITE BEADS |                   | C2305    | QCZ0396-226Z | C CAPACITOR | 22uF              |
| L809     | NQR0413-003X  | FERRITE BEADS |                   | C2306    | QCZ0396-226Z | C CAPACITOR | 22uF              |
| L851     | NQL092K-6R8X  | COIL          | 6.8uH K           | C2308    | NDC31HJ-121X | C CAPACITOR | 120pF 50V J       |
| L852     | NQL092K-6R8X  | COIL          | 6.8uH K           | C2309    | NCB31HK-222X | C CAPACITOR | 2200pF 50V K      |
| L853     | NQL092K-6R8X  | COIL          | 6.8uH K           | C2311    | NCB31HK-102X | C CAPACITOR | 1000pF 50V K      |
| L854     | NQL092M-270X  | CHIP P COIL   | 27uH M            | C2401    | NCB31HK-822X | C CAPACITOR | 8200pF 50V K      |
| L855     | NQL904J-560X  | COIL          | 56uH J            | C2403    | QCZ0397-106Z | C CAPACITOR | 10uF              |
| L861     | NQL914K-220X  | COIL          | 22uH K            | C2404    | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K      |
| L862     | NQL914K-101X  | COIL          | 100uH K           | C2405    | QCZ0396-226Z | C CAPACITOR | 22uF              |
| L863     | NQL914K-101X  | COIL          | 100uH K           | C2406    | QCZ0396-226Z | C CAPACITOR | 22uF              |
| L864     | NQL914K-101X  | COIL          | 100uH K           | C2408    | NDC31HJ-121X | C CAPACITOR | 120pF 50V J       |
| L865     | NQL914K-220X  | COIL          | 22uH K            | C2409    | NCB31HK-222X | C CAPACITOR | 2200pF 50V K      |
| L866     | NQL914K-220X  | COIL          | 22uH K            | C2411    | NCB31HK-102X | C CAPACITOR | 1000pF 50V K      |
| L867     | NQL914K-220X  | COIL          | 22uH K            | C2701    | NCB31CK-105X | C CAPACITOR | 1uF 16V K         |
| L901     | NQL52EM-220X  | COIL          | 22uH M            | C2703    | QETN1EM-107Z | E CAPACITOR | 100uF 25V M       |
| L902     | NQL52EM-220X  | COIL          | 22uH M            | C2704    | QETN1CM-107Z | E CAPACITOR | 100uF 16V M       |
| L904     | NQL52EM-220X  | COIL          | 22uH M            | C2801    | NCB31CK-105X | C CAPACITOR | 1uF 16V K         |
|          |               |               |                   | C2802    | QETN1CM-107Z | E CAPACITOR | 100uF 16V M       |
| CN001    | QGF0508C1-50W | CONNECTOR     | FFC/FPC (1-50)    |          |              |             |                   |
| CN002    | QGF0508C1-30W | CONNECTOR     | FFC/FPC (1-30)    | R2001    | NRSA63J-472X | MG RESISTOR | 4.7kΩ 1/16W J     |
| CN00F    | QGF0508C1-50W | CONNECTOR     | FFC/FPC (1-50)    | R2004    | NRSA02J-0R0X | MG RESISTOR | 0Ω 1/10W J        |
| CN00T    | QGF0508C1-40W | CONNECTOR     | FFC/FPC (1-40)    | R2101    | NRSA63D-683X | MG RESISTOR | 68kΩ 1/16W D      |
| CN0J1    | QGF0508C1-50W | CONNECTOR     | FFC/FPC (1-50)    | R2102    | NRSA63D-103X | MG RESISTOR | 10kΩ 1/16W D      |
| CN0J2    | QGF0508C1-50W | CONNECTOR     | FFC/FPC (1-50)    | R2103    | NRSA63D-152X | MG RESISTOR | 1.5kΩ 1/16W D     |
| X201     | CSB503F30-T2  | C RESONATOR   |                   | R2104    | NRSA63D-153X | MG RESISTOR | 15kΩ 1/16W D      |
| X801     | NAX0621-001X  | CRYSTAL       | 16.200MHz         | R2107    | NRS12BJ-331W | MG RESISTOR | 330Ω 1/2W J       |

## REGULATOR P.W. BOARD ASS'Y (SRP-2022A-M2)

| △Ref No. | Part No.       | Part Name       | Description Local |
|----------|----------------|-----------------|-------------------|
| IC2001   | PQ120RDA1SZ    | IC              |                   |
| IC2101   | PQ1CG2032FZ    | IC              |                   |
| IC2201   | PQ1CG2032FZ    | IC              |                   |
| IC2301   | MP1580HS-X     | IC              |                   |
| IC2401   | MP1580HS-X     | IC              |                   |
| IC2701   | M62320FP-X     | IC              |                   |
| IC2702   | BA50BC0FP-X    | IC              |                   |
| Q2801    | 2SC3928A/QR/-X | TRANSISTOR      |                   |
| Q2802    | 2SC3928A/QR/-X | TRANSISTOR      |                   |
| Q2803    | 2SC3928A/QR/-X | TRANSISTOR      |                   |
| Q2804    | 2SC3928A/QR/-X | TRANSISTOR      |                   |
| Q2805    | 2SA1530A/QR/-X | TRANSISTOR      |                   |
| Q2806    | UN2213-X       | DIGI TRANSISTOR |                   |
| Q2807    | UN2213-X       | DIGI TRANSISTOR |                   |

|       |              |             |               |
|-------|--------------|-------------|---------------|
| R2201 | NRSA63D-333X | MG RESISTOR | 33kΩ 1/16W D  |
| R2202 | NRSA63D-103X | MG RESISTOR | 10kΩ 1/16W D  |
| R2203 | NRSA63D-302X | MG RESISTOR | 3kΩ 1/16W D   |
| R2204 | NRSA63D-153X | MG RESISTOR | 15kΩ 1/16W D  |
| R2205 | NRS12BJ-331W | MG RESISTOR | 330Ω 1/2W J   |
| R2206 | NRS12BJ-331W | MG RESISTOR | 330Ω 1/2W J   |
| R2301 | NRSA63J-473X | MG RESISTOR | 47kΩ 1/16W J  |
| R2303 | NRSA02J-0R0X | MG RESISTOR | 0Ω 1/10W J    |
| R2304 | NRSA63J-680X | MG RESISTOR | 68Ω 1/16W J   |
| R2305 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J  |
| R2306 | NRSA63D-183X | MG RESISTOR | 18kΩ 1/16W D  |
| R2307 | NRSA63J-474X | MG RESISTOR | 470kΩ 1/16W J |
| R2308 | NRSA63D-103X | MG RESISTOR | 10kΩ 1/16W D  |
| R2309 | NRSA02J-0R0X | MG RESISTOR | 0Ω 1/10W J    |
| R2310 | NRSA02J-0R0X | MG RESISTOR | 0Ω 1/10W J    |
| R2401 | NRSA63J-473X | MG RESISTOR | 47kΩ 1/16W J  |
| R2402 | NRSA63J-824X | MG RESISTOR | 820kΩ 1/16W J |
| R2403 | NRSA02J-0R0X | MG RESISTOR | 0Ω 1/10W J    |
| R2404 | NRSA63J-680X | MG RESISTOR | 68Ω 1/16W J   |
| R2405 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J  |
| R2406 | NRSA63D-123X | MG RESISTOR | 12kΩ 1/16W D  |
| R2407 | NRSA63J-474X | MG RESISTOR | 470kΩ 1/16W J |
| R2408 | NRSA63D-103X | MG RESISTOR | 10kΩ 1/16W D  |

| △Ref No. | Part No.     | Part Name   | Description Local | △Ref No. | Part No.       | Part Name     | Description Local |
|----------|--------------|-------------|-------------------|----------|----------------|---------------|-------------------|
| R2409    | NRSA02J-0R0X | MG RESISTOR | 0Ω 1/10W J        | IC3906   | PQ20WZ11-X     | IC            |                   |
| R2410    | NRSA02J-0R0X | MG RESISTOR | 0Ω 1/10W J        |          |                |               |                   |
| R2701    | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J      | Q3702    | UN2211-X       | TRANSISTOR    |                   |
| R2702    | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J      | Q3801    | UN2211-X       | TRANSISTOR    |                   |
| R2703    | NRSA63J-123X | MG RESISTOR | 12kΩ 1/16W J      | Q3802    | UN2211-X       | TRANSISTOR    |                   |
| R2704    | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J      | Q3901    | UPA2751GR-X    | POWER MOS FET |                   |
| R2705    | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J      | Q3902    | UN2211-X       | TRANSISTOR    |                   |
| R2706    | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J      | Q3903    | UN2211-X       | TRANSISTOR    |                   |
| R2707    | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J      | Q3904    | 2SC3928A/QR/-X | TRANSISTOR    |                   |
| R2708    | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J      |          |                |               |                   |
| R2801    | NRSA63J-472X | MG RESISTOR | 4.7kΩ 1/16W J     | D3161    | MA8056/M/-X    | Z DIODE       |                   |
| R2802    | NRSA63J-122X | MG RESISTOR | 1.2kΩ 1/16W J     | D3261    | MA8056/M/-X    | Z DIODE       |                   |
| R2803    | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J      | D3361    | MA8056/M/-X    | Z DIODE       |                   |
| R2804    | NRSA63J-822X | MG RESISTOR | 8.2kΩ 1/16W J     | D3701    | STZ6.8N-X      | Z DIODE       |                   |
| R2805    | NRSA63J-122X | MG RESISTOR | 1.2kΩ 1/16W J     | D3702    | STZ6.8N-X      | Z DIODE       |                   |
| R2806    | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J      | D3703    | STZ6.8N-X      | Z DIODE       |                   |
| R2807    | NRSA63J-822X | MG RESISTOR | 8.2kΩ 1/16W J     | D3704    | STZ6.8N-X      | Z DIODE       |                   |
| R2808    | NRSA63J-182X | MG RESISTOR | 1.8kΩ 1/16W J     | D3705    | STZ6.8N-X      | Z DIODE       |                   |
| R2809    | NRSA63J-472X | MG RESISTOR | 4.7kΩ 1/16W J     | D3706    | STZ6.8N-X      | Z DIODE       |                   |
| R2810    | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J      | D3707    | STZ6.8N-X      | Z DIODE       |                   |
| R2811    | NRSA63J-122X | MG RESISTOR | 1.2kΩ 1/16W J     | D3708    | STZ6.8N-X      | Z DIODE       |                   |
| R2812    | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J       | D3741    | STZ6.8N-X      | Z DIODE       |                   |
| R2813    | NRSA63J-472X | MG RESISTOR | 4.7kΩ 1/16W J     | D3742    | STZ6.8N-X      | Z DIODE       |                   |
| R2814    | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J      | D3901    | MA1111-X       | SI DIODE      |                   |
| R2815    | NRSA63J-122X | MG RESISTOR | 1.2kΩ 1/16W J     | D3902    | EC30HA03L-X    | SB DIODE      |                   |
| R2816    | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J      | D3903    | PTZ3.9B-X      | Z DIODE       |                   |
| R2817    | NRSA63J-472X | MG RESISTOR | 4.7kΩ 1/16W J     | D3931    | EC30HA03L-X    | SB DIODE      |                   |
| R2818    | NRSA63J-104X | MG RESISTOR | 100kΩ 1/16W J     | D3932    | EC30HA03L-X    | SB DIODE      |                   |
| R2819    | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J      | D3933    | PTZ6.8B-X      | Z DIODE       |                   |
| R2820    | NRSA63J-473X | MG RESISTOR | 47kΩ 1/16W J      |          |                |               |                   |
| R2821    | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J        | C3001    | NCF31CZ-104X   | C CAPACITOR   | 0.1uF 16V Z       |
| R2824    | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J        | C3002    | NCF31CZ-104X   | C CAPACITOR   | 0.1uF 16V Z       |
| R2901    | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J        | C3003    | NCF31CZ-104X   | C CAPACITOR   | 0.1uF 16V Z       |
| R2902    | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J        | C3004    | NCF31CZ-104X   | C CAPACITOR   | 0.1uF 16V Z       |
| R2903    | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J        | C3005    | NCF31CZ-104X   | C CAPACITOR   | 0.1uF 16V Z       |
| R2904    | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J        | C3006    | NCF31CZ-104X   | C CAPACITOR   | 0.1uF 16V Z       |
| R2905    | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J        | C3007    | NCF31CZ-104X   | C CAPACITOR   | 0.1uF 16V Z       |
|          |              |             |                   | C3008    | NEHL1CM-106X   | E CAPACITOR   | 10uF 16V M        |
| L2102    | QQR1401-001  | CHOKO COIL  |                   | C3101    | NCF31CZ-104X   | C CAPACITOR   | 0.1uF 16V Z       |
| L2202    | QQR1401-001  | CHOKO COIL  |                   | C3104    | NCF31CZ-104X   | C CAPACITOR   | 0.1uF 16V Z       |
| L2302    | QQL28AK-150  | COIL        | 15uH K            | C3105    | NCF31CZ-104X   | C CAPACITOR   | 0.1uF 16V Z       |
| L2402    | QQL28AK-150  | COIL        | 15uH K            | C3106    | NCF31CZ-104X   | C CAPACITOR   | 0.1uF 16V Z       |

## MAIN DRIVE P.W. BOARD ASS'Y (SRP-3006A-M2)

| △Ref No. | Part No.        | Part Name       | Description Local | △Ref No. | Part No.     | Part Name   | Description Local |
|----------|-----------------|-----------------|-------------------|----------|--------------|-------------|-------------------|
| IC3001   | THC63LVDF84B-W  | IC              |                   | C3121    | NCF31CZ-104X | C CAPACITOR | 0.1uF 16V Z       |
| IC3101   | ASI5100         | IC(DILA DRIVER) |                   | C3122    | NCF31CZ-104X | C CAPACITOR | 0.1uF 16V Z       |
| IC3102   | K4S161622H-UC60 | IC              |                   | C3123    | NCF31CZ-104X | C CAPACITOR | 0.1uF 16V Z       |
| IC3103   | K4S161622H-UC60 | IC              |                   | C3124    | NCF31CZ-104X | C CAPACITOR | 0.1uF 16V Z       |
| IC3104   | K4S161622H-UC60 | IC              |                   | C3125    | NCF31CZ-104X | C CAPACITOR | 0.1uF 16V Z       |
| IC3105   | K4S161622H-UC60 | IC              |                   | C3126    | NCF31CZ-104X | C CAPACITOR | 0.1uF 16V Z       |
| IC3161   | LMC6024IM-X     | IC              |                   | C3127    | NCF31CZ-104X | C CAPACITOR | 0.1uF 16V Z       |
| IC3162   | BA15218F-XE     | IC              |                   | C3128    | NCF31CZ-104X | C CAPACITOR | 0.1uF 16V Z       |
| IC3163   | EL1519CS-X      | IC              |                   | C3129    | NCF31CZ-104X | C CAPACITOR | 0.1uF 16V Z       |
| IC3201   | ASI5100         | IC(DILA DRIVER) |                   | C3130    | NCF31CZ-104X | C CAPACITOR | 0.1uF 16V Z       |
| IC3202   | K4S161622H-UC60 | IC              |                   | C3131    | NCF31CZ-104X | C CAPACITOR | 0.1uF 16V Z       |
| IC3203   | K4S161622H-UC60 | IC              |                   | C3132    | NCF31CZ-104X | C CAPACITOR | 0.1uF 16V Z       |
| IC3204   | K4S161622H-UC60 | IC              |                   | C3141    | NCF31CZ-104X | C CAPACITOR | 0.1uF 16V Z       |
| IC3205   | K4S161622H-UC60 | IC              |                   | C3142    | NCF31CZ-104X | C CAPACITOR | 0.1uF 16V Z       |
| IC3206   | SN74LVC1G125V-X | IC              |                   | C3143    | NCF31CZ-104X | C CAPACITOR | 0.1uF 16V Z       |
| IC3261   | LMC6024IM-X     | IC              |                   | C3144    | NCF31CZ-104X | C CAPACITOR | 0.1uF 16V Z       |
| IC3262   | BA15218F-XE     | IC              |                   | C3145    | NCF31CZ-104X | C CAPACITOR | 0.1uF 16V Z       |
| IC3263   | EL1519CS-X      | IC              |                   | C3146    | NCF31CZ-104X | C CAPACITOR | 0.1uF 16V Z       |
| IC3301   | ASI5100         | IC(DILA DRIVER) |                   | C3147    | NCF31CZ-104X | C CAPACITOR | 0.1uF 16V Z       |
| IC3302   | K4S161622H-UC60 | IC              |                   | C3148    | NCF31CZ-104X | C CAPACITOR | 0.1uF 16V Z       |
| IC3303   | K4S161622H-UC60 | IC              |                   | C3149    | NCF31CZ-104X | C CAPACITOR | 0.1uF 16V Z       |
| IC3304   | K4S161622H-UC60 | IC              |                   | C3150    | NCF31CZ-104X | C CAPACITOR | 0.1uF 16V Z       |
| IC3305   | K4S161622H-UC60 | IC              |                   | C3151    | NCF31CZ-104X | C CAPACITOR | 0.1uF 16V Z       |
| IC3361   | LMC6024IM-X     | IC              |                   | C3152    | NCF31CZ-104X | C CAPACITOR | 0.1uF 16V Z       |
| IC3362   | BA15218F-XE     | IC              |                   | C3161    | NEHL1CM-476X | E CAPACITOR | 47uF 16V M        |
| IC3363   | EL1519CS-X      | IC              |                   | C3162    | NCF31CZ-104X | C CAPACITOR | 0.1uF 16V Z       |
| IC3701   | AT89C51RD2RLTIM | IC              |                   | C3163    | NCF31CZ-104X | C CAPACITOR | 0.1uF 16V Z       |
| IC3743   | CD74HC4053PW-X  | IC              |                   | C3164    | NCF31CZ-104X | C CAPACITOR | 0.1uF 16V Z       |
| IC3801   | XC2S100E6FT256C | IC              |                   | C3165    | NCF31CZ-104X | C CAPACITOR | 0.1uF 16V Z       |
| IC3802   | XCF01VO20CP03-X | IC              |                   | C3166    | NCF31CZ-104X | C CAPACITOR | 0.1uF 16V Z       |
| IC3803   | HY57643220CT7   | IC              |                   | C3167    | NCF31CZ-104X | C CAPACITOR | 0.1uF 16V Z       |
| IC3891   | R1170H181B-X    | IC              |                   | C3168    | NCB21AK-105X | C CAPACITOR | 1uF 10V K         |
| IC3901   | SI-8011NVS-X    | IC              |                   | C3171    | NEHL1CM-476X | E CAPACITOR | 47uF 16V M        |
| IC3902   | PQ1CY1032Z-W    | IC              |                   | C3172    | NEHL1CM-476X | E CAPACITOR | 47uF 16V M        |
| IC3903   | LM2941S-W       | IC              |                   | C3191    | NEHL1CM-476X | E CAPACITOR | 47uF 16V M        |
| IC3904   | LM2991S-W       | IC              |                   | C3192    | NCF31CZ-104X | C CAPACITOR | 0.1uF 16V Z       |
| IC3905   | BA50BC0FP-X     | IC              |                   | C3193    | NEHL1CM-106X | E CAPACITOR | 10uF 16V M        |

3-18(No.YA247)

| △Ref No. | Part No.     | Part Name      | Description Local | △Ref No. | Part No.     | Part Name    | Description Local |
|----------|--------------|----------------|-------------------|----------|--------------|--------------|-------------------|
| C3865    | NCF31CZ-104X | C CAPACITOR    | 0.1uF 16V Z       | R3124    | NQR0271-001X | EMI FILTEROR |                   |
| C3866    | NCF31CZ-104X | C CAPACITOR    | 0.1uF 16V Z       | R3125    | NRSA63J-0R0X | MG RESISTOR  | 0Ω 1/16W J        |
| C3867    | NCF31CZ-104X | C CAPACITOR    | 0.1uF 16V Z       | R3126    | NRSA63J-0R0X | MG RESISTOR  | 0Ω 1/16W J        |
| C3868    | NCF31CZ-104X | C CAPACITOR    | 0.1uF 16V Z       | R3127    | NRSA63J-0R0X | MG RESISTOR  | 0Ω 1/16W J        |
| C3869    | NCF31CZ-104X | C CAPACITOR    | 0.1uF 16V Z       | R3128    | NRSA63J-0R0X | MG RESISTOR  | 0Ω 1/16W J        |
| C3870    | NCF31CZ-104X | C CAPACITOR    | 0.1uF 16V Z       | R3129    | NRSA63J-0R0X | MG RESISTOR  | 0Ω 1/16W J        |
| C3871    | NCF31CZ-104X | C CAPACITOR    | 0.1uF 16V Z       | R3130    | NRSA63J-470X | MG RESISTOR  | 47Ω 1/16W J       |
| C3872    | NCF31CZ-104X | C CAPACITOR    | 0.1uF 16V Z       | R3131    | NQR0271-001X | EMI FILTEROR |                   |
| C3873    | NCF31CZ-104X | C CAPACITOR    | 0.1uF 16V Z       | R3132    | NQR0271-001X | EMI FILTEROR |                   |
| C3874    | NCF31CZ-104X | C CAPACITOR    | 0.1uF 16V Z       | R3133    | NQR0271-001X | EMI FILTEROR |                   |
| C3881    | NEHL1CM-106X | E CAPACITOR    | 10uF 16V M        | R3134    | NQR0271-001X | EMI FILTEROR |                   |
| C3882    | NCF31CZ-104X | C CAPACITOR    | 0.1uF 16V Z       | R3135    | NRSA63J-0R0X | MG RESISTOR  | 0Ω 1/16W J        |
| C3891    | NEHL1CM-476X | E CAPACITOR    | 47uF 16V M        | R3137    | NRSA63J-0R0X | MG RESISTOR  | 0Ω 1/16W J        |
| C3892    | NCF31CZ-104X | C CAPACITOR    | 0.1uF 16V Z       | R3141    | NRSA63J-0R0X | MG RESISTOR  | 0Ω 1/16W J        |
| C3893    | NEHL1CM-106X | E CAPACITOR    | 10uF 16V M        | R3142    | NRSA63J-0R0X | MG RESISTOR  | 0Ω 1/16W J        |
| C3894    | NCF31CZ-104X | C CAPACITOR    | 0.1uF 16V Z       | R3143    | NRSA63J-0R0X | MG RESISTOR  | 0Ω 1/16W J        |
| C3895    | NBE50JM-107X | TA E CAPACITOR | 100uF 6.3V M      | R3144    | NRSA63J-0R0X | MG RESISTOR  | 0Ω 1/16W J        |
| C3896    | NCF31CZ-104X | C CAPACITOR    | 0.1uF 16V Z       | R3145    | NRSA63J-220X | MG RESISTOR  | 22Ω 1/16W J       |
| C3897    | NCF31CZ-104X | C CAPACITOR    | 0.1uF 16V Z       | R3146    | NRSA63D-181X | MG RESISTOR  | 180Ω 1/16W D      |
| C3901    | NCB31HK-104X | C CAPACITOR    | 0.1uF 50V K       | R3147    | NRSA63D-151X | MG RESISTOR  | 150Ω 1/16W D      |
| C3902    | NCB31HK-104X | C CAPACITOR    | 0.1uF 50V K       | R3151    | NRSA63J-103X | MG RESISTOR  | 10kΩ 1/16W J      |
| C3903    | NDC31HJ-102X | C CAPACITOR    | 1000pF 50V J      | R3152    | NRSA63J-103X | MG RESISTOR  | 10kΩ 1/16W J      |
| C3904    | NDC31HJ-221X | C CAPACITOR    | 220pF 50V J       | R3153    | NRSA63J-103X | MG RESISTOR  | 10kΩ 1/16W J      |
| C3905    | NDC31HJ-470X | C CAPACITOR    | 47pF 50V J        | R3154    | NRSA63J-103X | MG RESISTOR  | 10kΩ 1/16W J      |
| C3906    | NCB31HK-102X | C CAPACITOR    | 1000pF 50V K      | R3161    | NRSA63J-0R0X | MG RESISTOR  | 0Ω 1/16W J        |
| C3907    | NCB31HK-104X | C CAPACITOR    | 0.1uF 50V K       | R3162    | NRSA63D-103X | MG RESISTOR  | 10kΩ 1/16W D      |
| C3908    | NCB31HK-272X | C CAPACITOR    | 2700pF 50V K      | R3163    | NRSA63J-0R0X | MG RESISTOR  | 0Ω 1/16W J        |
| C3909    | NCB11AK-475X | C CAPACITOR    | 4.7uF 10V K       | R3164    | NRSA63D-103X | MG RESISTOR  | 10kΩ 1/16W D      |
| C3910    | NCB11AK-475X | C CAPACITOR    | 4.7uF 10V K       | R3165    | NRSA63J-0R0X | MG RESISTOR  | 0Ω 1/16W J        |
| C3911    | NBZ0010-396X | SP E CAPACITOR | 39uF 16V M        | R3166    | NRSA63D-103X | MG RESISTOR  | 10kΩ 1/16W D      |
| C3912    | NBZ0007-107X | SP E CAPACITOR | 100uF 4V M        | R3167    | NRSA63D-103X | MG RESISTOR  | 10kΩ 1/16W D      |
| C3913    | NEHM0JM-476X | E CAPACITOR    | 47uF 6.3V M       | R3168    | NRSA63D-102X | MG RESISTOR  | 1kΩ 1/16W D       |
| C3931    | NBZ0010-396X | SP E CAPACITOR | 39uF 16V M        | R3169    | NRSA63D-202X | MG RESISTOR  | 2kΩ 1/16W D       |
| C3932    | NCB31HK-223X | C CAPACITOR    | 0.022uF 50V K     | R3170    | NRSA63D-102X | MG RESISTOR  | 1kΩ 1/16W D       |
| C3933    | NCB31HK-102X | C CAPACITOR    | 1000pF 50V K      | R3171    | NRSA63D-202X | MG RESISTOR  | 2kΩ 1/16W D       |
| C3934    | NEZ0022-157X | E CAPACITOR    | 150uF 10V M       | R3172    | NRSA63J-0R0X | MG RESISTOR  | 0Ω 1/16W J        |
| C3936    | NEHM1CM-476X | E CAPACITOR    | 47uF 16V M        | R3181    | NRSA63D-102X | MG RESISTOR  | 1kΩ 1/16W D       |
| C3951    | NEHL1CM-476X | E CAPACITOR    | 47uF 16V M        | R3182    | NRSA63D-102X | MG RESISTOR  | 1kΩ 1/16W D       |
| C3952    | NCF31CZ-104X | C CAPACITOR    | 0.1uF 16V Z       | R3183    | NRSA63D-102X | MG RESISTOR  | 1kΩ 1/16W D       |
| C3953    | NEHL1CM-476X | E CAPACITOR    | 47uF 16V M        | R3184    | NRSA63D-102X | MG RESISTOR  | 1kΩ 1/16W D       |
| C3954    | NCF31CZ-104X | C CAPACITOR    | 0.1uF 16V Z       | R3185    | NRSA63D-202X | MG RESISTOR  | 2kΩ 1/16W D       |
| C3958    | NEHL1CM-476X | E CAPACITOR    | 47uF 16V M        | R3186    | NRSA63D-102X | MG RESISTOR  | 1kΩ 1/16W D       |
| C3959    | NCF31CZ-104X | C CAPACITOR    | 0.1uF 16V Z       | R3187    | NRSA63D-122X | MG RESISTOR  | 1.2kΩ 1/16W D     |
| C3960    | NEHL1CM-476X | E CAPACITOR    | 47uF 16V M        | R3188    | NRSA63D-242X | MG RESISTOR  | 2.4kΩ 1/16W D     |
| C3961    | NCF31CZ-104X | C CAPACITOR    | 0.1uF 16V Z       | R3189    | NRSA63D-102X | MG RESISTOR  | 1kΩ 1/16W D       |
| C3965    | NEHL1CM-106X | E CAPACITOR    | 10uF 16V M        | R3190    | NRSA63D-102X | MG RESISTOR  | 1kΩ 1/16W D       |
| C3966    | NCF31CZ-104X | C CAPACITOR    | 0.1uF 16V Z       | R3191    | NRSA63J-0R0X | MG RESISTOR  | 0Ω 1/16W J        |
| C3967    | NEHL1CM-476X | E CAPACITOR    | 47uF 16V M        | R3192    | NRSA63J-101X | MG RESISTOR  | 100Ω 1/16W J      |
| C3968    | NCF31CZ-104X | C CAPACITOR    | 0.1uF 16V Z       | R3196    | NRSA63J-0R0X | MG RESISTOR  | 0Ω 1/16W J        |
| C3969    | NEHL1CM-106X | E CAPACITOR    | 10uF 16V M        | R3197    | NRSA63J-0R0X | MG RESISTOR  | 0Ω 1/16W J        |
| C3970    | NCF31CZ-104X | C CAPACITOR    | 0.1uF 16V Z       | R3198    | NRSA63J-0R0X | MG RESISTOR  | 0Ω 1/16W J        |
| C3971    | NCF31CZ-104X | C CAPACITOR    | 0.1uF 16V Z       | R3199    | NRS12BJ-0R0W | MG RESISTOR  | 0Ω 1/2W J         |
| C3972    | NEHL1CM-476X | E CAPACITOR    | 47uF 16V M        | R3202    | NRSA63J-103X | MG RESISTOR  | 10kΩ 1/16W J      |
| C3973    | NCF31CZ-104X | C CAPACITOR    | 0.1uF 16V Z       | R3203    | NRSA63D-102X | MG RESISTOR  | 1kΩ 1/16W D       |
|          |              |                |                   | R3204    | NRSA63J-472X | MG RESISTOR  | 4.7kΩ 1/16W J     |
| R3001    | NRSA63J-101X | MG RESISTOR    | 100Ω 1/16W J      | R3205    | NRSA63J-472X | MG RESISTOR  | 4.7kΩ 1/16W J     |
| R3002    | NRSA63J-101X | MG RESISTOR    | 100Ω 1/16W J      | R3206    | NRSA63D-151X | MG RESISTOR  | 150Ω 1/16W D      |
| R3003    | NRSA63J-101X | MG RESISTOR    | 100Ω 1/16W J      | R3207    | NRSA63D-181X | MG RESISTOR  | 180Ω 1/16W D      |
| R3004    | NRSA63J-101X | MG RESISTOR    | 100Ω 1/16W J      | R3211    | NRSA63J-220X | MG RESISTOR  | 22Ω 1/16W J       |
| R3005    | NRSA63J-101X | MG RESISTOR    | 100Ω 1/16W J      | R3212    | NRSA63J-0R0X | MG RESISTOR  | 0Ω 1/16W J        |
| R3006    | NRSA63J-103X | MG RESISTOR    | 10kΩ 1/16W J      | R3213    | NRSA63J-0R0X | MG RESISTOR  | 0Ω 1/16W J        |
| R3007    | NRZ0080-0R0X | NET RESISTOR   | 0Ω 1/16W J        | R3214    | NRSA63J-0R0X | MG RESISTOR  | 0Ω 1/16W J        |
| R3008    | NRZ0080-0R0X | NET RESISTOR   | 0Ω 1/16W J        | R3215    | NRSA63J-0R0X | MG RESISTOR  | 0Ω 1/16W J        |
| R3009    | NRZ0080-0R0X | NET RESISTOR   | 0Ω 1/16W J        | R3216    | NRSA63J-0R0X | MG RESISTOR  | 0Ω 1/16W J        |
| R3010    | NRSA63J-0R0X | MG RESISTOR    | 0Ω 1/16W J        | R3217    | NRSA63J-0R0X | MG RESISTOR  | 0Ω 1/16W J        |
| R3011    | NRSA63J-100X | MG RESISTOR    | 10Ω 1/16W J       | R3218    | NRSA63J-0R0X | MG RESISTOR  | 0Ω 1/16W J        |
| R3012    | NRSA63J-100X | MG RESISTOR    | 10Ω 1/16W J       | R3219    | NRSA63J-0R0X | MG RESISTOR  | 0Ω 1/16W J        |
| R3013    | NRSA63J-100X | MG RESISTOR    | 10Ω 1/16W J       | R3221    | NQR0271-001X | EMI FILTEROR |                   |
| R3014    | NRSA63J-100X | MG RESISTOR    | 10Ω 1/16W J       | R3222    | NQR0271-001X | EMI FILTEROR |                   |
| R3102    | NRSA63J-0R0X | MG RESISTOR    | 0Ω 1/16W J        | R3223    | NQR0271-001X | EMI FILTEROR |                   |
| R3103    | NRSA63D-102X | MG RESISTOR    | 1kΩ 1/16W D       | R3224    | NQR0271-001X | EMI FILTEROR |                   |
| R3104    | NRSA63J-472X | MG RESISTOR    | 4.7kΩ 1/16W J     | R3225    | NRSA63J-0R0X | MG RESISTOR  | 0Ω 1/16W J        |
| R3105    | NRSA63J-472X | MG RESISTOR    | 4.7kΩ 1/16W J     | R3226    | NRSA63J-0R0X | MG RESISTOR  | 0Ω 1/16W J        |
| R3106    | NRSA63D-151X | MG RESISTOR    | 150Ω 1/16W D      | R3227    | NRSA63J-0R0X | MG RESISTOR  | 0Ω 1/16W J        |
| R3107    | NRSA63D-181X | MG RESISTOR    | 180Ω 1/16W D      | R3228    | NRSA63J-0R0X | MG RESISTOR  | 0Ω 1/16W J        |
| R3111    | NRSA63J-220X | MG RESISTOR    | 22Ω 1/16W J       | R3229    | NRSA63J-0R0X | MG RESISTOR  | 0Ω 1/16W J        |
| R3112    | NRSA63J-0R0X | MG RESISTOR    | 0Ω 1/16W J        | R3230    | NRSA63J-470X | MG RESISTOR  | 47Ω 1/16W J       |
| R3113    | NRSA63J-0R0X | MG RESISTOR    | 0Ω 1/16W J        | R3231    | NQR0271-001X | EMI FILTEROR |                   |
| R3114    | NRSA63J-0R0X | MG RESISTOR    | 0Ω 1/16W J        | R3232    | NQR0271-001X | EMI FILTEROR |                   |
| R3115    | NRSA63J-0R0X | MG RESISTOR    | 0Ω 1/16W J        | R3233    | NQR0271-001X | EMI FILTEROR |                   |
| R3116    | NRSA63J-0R0X | MG RESISTOR    | 0Ω 1/16W J        | R3234    | NQR0271-001X | EMI FILTEROR |                   |
| R3117    | NRSA63J-0R0X | MG RESISTOR    | 0Ω 1/16W J        | R3237    | NRSA63J-0R0X | MG RESISTOR  | 0Ω 1/16W J        |
| R3118    | NRSA63J-0R0X | MG RESISTOR    | 0Ω 1/16W J        | R3241    | NRSA63J-0R0X | MG RESISTOR  | 0Ω 1/16W J        |
| R3119    | NRSA63J-0R0X | MG RESISTOR    | 0Ω 1/16W J        | R3242    | NRSA63J-0R0X | MG RESISTOR  | 0Ω 1/16W J        |
| R3121    | NQR0271-001X | EMI FILTEROR   |                   | R3243    | NRSA63J-0R0X | MG RESISTOR  | 0Ω 1/16W J        |
| R3122    | NQR0271-001X | EMI FILTEROR   |                   | R3244    | NRSA63J-0R0X | MG RESISTOR  | 0Ω 1/16W J        |
| R3123    | NQR0271-001X | EMI FILTEROR   |                   | R3245    | NRSA63J-220X | MG RESISTOR  | 22Ω 1/16W J       |

| △Ref No. | Part No.     | Part Name    | Description Local | △Ref No. | Part No.     | Part Name    | Description Local |
|----------|--------------|--------------|-------------------|----------|--------------|--------------|-------------------|
| R3246    | NRSA63D-181X | MG RESISTOR  | 180Ω 1/16W D      | R3367    | NRSA63D-103X | MG RESISTOR  | 10kΩ 1/16W D      |
| R3247    | NRSA63D-151X | MG RESISTOR  | 150Ω 1/16W D      | R3368    | NRSA63D-102X | MG RESISTOR  | 1kΩ 1/16W D       |
| R3248    | NRSA63J-223X | MG RESISTOR  | 22kΩ 1/16W J      | R3369    | NRSA63D-202X | MG RESISTOR  | 2kΩ 1/16W D       |
| R3249    | NRSA63J-470X | MG RESISTOR  | 47Ω 1/16W J       | R3370    | NRSA63D-102X | MG RESISTOR  | 1kΩ 1/16W D       |
| R3251    | NRSA63J-103X | MG RESISTOR  | 10kΩ 1/16W J      | R3371    | NRSA63D-202X | MG RESISTOR  | 2kΩ 1/16W D       |
| R3252    | NRSA63J-103X | MG RESISTOR  | 10kΩ 1/16W J      | R3372    | NRSA63J-0R0X | MG RESISTOR  | 0Ω 1/16W J        |
| R3253    | NRSA63J-103X | MG RESISTOR  | 10kΩ 1/16W J      | R3381    | NRSA63D-102X | MG RESISTOR  | 1kΩ 1/16W D       |
| R3254    | NRSA63J-103X | MG RESISTOR  | 10kΩ 1/16W J      | R3382    | NRSA63D-102X | MG RESISTOR  | 1kΩ 1/16W D       |
| R3255    | NRSA63J-470X | MG RESISTOR  | 47Ω 1/16W J       | R3383    | NRSA63D-102X | MG RESISTOR  | 1kΩ 1/16W D       |
| R3256    | NRSA63J-470X | MG RESISTOR  | 47Ω 1/16W J       | R3384    | NRSA63D-102X | MG RESISTOR  | 1kΩ 1/16W D       |
| R3258    | NRSA63J-470X | MG RESISTOR  | 47Ω 1/16W J       | R3385    | NRSA63D-202X | MG RESISTOR  | 2kΩ 1/16W D       |
| R3261    | NRSA63J-0R0X | MG RESISTOR  | 0Ω 1/16W J        | R3386    | NRSA63D-102X | MG RESISTOR  | 1kΩ 1/16W D       |
| R3262    | NRSA63D-103X | MG RESISTOR  | 10kΩ 1/16W D      | R3387    | NRSA63D-122X | MG RESISTOR  | 1.2kΩ 1/16W D     |
| R3263    | NRSA63J-0R0X | MG RESISTOR  | 0Ω 1/16W J        | R3388    | NRSA63D-242X | MG RESISTOR  | 2.4kΩ 1/16W D     |
| R3264    | NRSA63D-103X | MG RESISTOR  | 10kΩ 1/16W D      | R3389    | NRSA63D-102X | MG RESISTOR  | 1kΩ 1/16W D       |
| R3265    | NRSA63J-0R0X | MG RESISTOR  | 0Ω 1/16W J        | R3390    | NRSA63D-102X | MG RESISTOR  | 1kΩ 1/16W D       |
| R3266    | NRSA63D-103X | MG RESISTOR  | 10kΩ 1/16W D      | R3391    | NRSA63J-0R0X | MG RESISTOR  | 0Ω 1/16W J        |
| R3267    | NRSA63D-103X | MG RESISTOR  | 10kΩ 1/16W D      | R3392    | NRSA63J-101X | MG RESISTOR  | 100Ω 1/16W J      |
| R3268    | NRSA63D-102X | MG RESISTOR  | 1kΩ 1/16W D       | R3396    | NRSA63J-0R0X | MG RESISTOR  | 0Ω 1/16W J        |
| R3269    | NRSA63D-202X | MG RESISTOR  | 2kΩ 1/16W D       | R3397    | NRSA63J-0R0X | MG RESISTOR  | 0Ω 1/16W J        |
| R3270    | NRSA63D-102X | MG RESISTOR  | 1kΩ 1/16W D       | R3398    | NRSA63J-0R0X | MG RESISTOR  | 0Ω 1/16W J        |
| R3271    | NRSA63D-202X | MG RESISTOR  | 2kΩ 1/16W D       | R3399    | NRS12BJ-0R0W | MG RESISTOR  | 0Ω 1/2W J         |
| R3272    | NRSA63J-0R0X | MG RESISTOR  | 0Ω 1/16W J        | R3701    | NRSA63J-101X | MG RESISTOR  | 100Ω 1/16W J      |
| R3281    | NRSA63D-102X | MG RESISTOR  | 1kΩ 1/16W D       | R3702    | NRSA63J-101X | MG RESISTOR  | 100Ω 1/16W J      |
| R3282    | NRSA63D-102X | MG RESISTOR  | 1kΩ 1/16W D       | R3703    | NRSA63J-101X | MG RESISTOR  | 100Ω 1/16W J      |
| R3283    | NRSA63D-102X | MG RESISTOR  | 1kΩ 1/16W D       | R3704    | NRSA63J-102X | MG RESISTOR  | 1kΩ 1/16W J       |
| R3284    | NRSA63D-102X | MG RESISTOR  | 1kΩ 1/16W D       | R3705    | NRZ0040-101X | NET RESISTOR | 100Ω 1/16W J x4   |
| R3285    | NRSA63D-202X | MG RESISTOR  | 2kΩ 1/16W D       | R3706    | NRSA63J-105X | MG RESISTOR  | 1MΩ 1/16W J       |
| R3286    | NRSA63D-102X | MG RESISTOR  | 1kΩ 1/16W D       | R3707    | NRZ0040-101X | NET RESISTOR | 100Ω 1/16W J x4   |
| R3287    | NRSA63D-122X | MG RESISTOR  | 1.2kΩ 1/16W D     | R3708    | NRSA63J-103X | MG RESISTOR  | 10kΩ 1/16W J      |
| R3288    | NRSA63D-242X | MG RESISTOR  | 2.4kΩ 1/16W D     | R3709    | NRZ0040-101X | NET RESISTOR | 100Ω 1/16W J x4   |
| R3289    | NRSA63D-102X | MG RESISTOR  | 1kΩ 1/16W D       | R3710    | NRZ0040-101X | NET RESISTOR | 100Ω 1/16W J x4   |
| R3290    | NRSA63D-102X | MG RESISTOR  | 1kΩ 1/16W D       | R3711    | NRSA63J-0R0X | MG RESISTOR  | 0Ω 1/16W J        |
| R3291    | NRSA63J-0R0X | MG RESISTOR  | 0Ω 1/16W J        | R3712    | NRSA63J-103X | MG RESISTOR  | 10kΩ 1/16W J      |
| R3292    | NRSA63J-101X | MG RESISTOR  | 100Ω 1/16W J      | R3713    | NRSA63J-103X | MG RESISTOR  | 10kΩ 1/16W J      |
| R3296    | NRSA63J-0R0X | MG RESISTOR  | 0Ω 1/16W J        | R3714    | NRSA63J-472X | MG RESISTOR  | 4.7kΩ 1/16W J     |
| R3297    | NRSA63J-0R0X | MG RESISTOR  | 0Ω 1/16W J        | R3715    | NRSA63J-472X | MG RESISTOR  | 4.7kΩ 1/16W J     |
| R3298    | NRSA63J-0R0X | MG RESISTOR  | 0Ω 1/16W J        | R3716    | NRSA63J-821X | MG RESISTOR  | 820Ω 1/16W J      |
| R3299    | NRS12BJ-0R0W | MG RESISTOR  | 0Ω 1/2W J         | R3717    | NRSA63J-821X | MG RESISTOR  | 820Ω 1/16W J      |
| R3302    | NRSA63J-103X | MG RESISTOR  | 10kΩ 1/16W J      | R3718    | NRSA63J-101X | MG RESISTOR  | 100Ω 1/16W J      |
| R3303    | NRSA63D-102X | MG RESISTOR  | 1kΩ 1/16W D       | R3719    | NRSA63J-472X | MG RESISTOR  | 4.7kΩ 1/16W J     |
| R3304    | NRSA63J-472X | MG RESISTOR  | 4.7kΩ 1/16W J     | R3720    | NRSA63J-472X | MG RESISTOR  | 4.7kΩ 1/16W J     |
| R3305    | NRSA63J-472X | MG RESISTOR  | 4.7kΩ 1/16W J     | R3721    | NRSA63J-472X | MG RESISTOR  | 4.7kΩ 1/16W J     |
| R3306    | NRSA63D-151X | MG RESISTOR  | 150Ω 1/16W D      | R3722    | NRSA63J-472X | MG RESISTOR  | 4.7kΩ 1/16W J     |
| R3307    | NRSA63D-181X | MG RESISTOR  | 180Ω 1/16W D      | R3723    | NRSA63J-472X | MG RESISTOR  | 4.7kΩ 1/16W J     |
| R3311    | NRSA63J-220X | MG RESISTOR  | 22Ω 1/16W J       | R3724    | NRSA63J-472X | MG RESISTOR  | 4.7kΩ 1/16W J     |
| R3312    | NRSA63J-0R0X | MG RESISTOR  | 0Ω 1/16W J        | R3725    | NRSA63J-0R0X | MG RESISTOR  | 0Ω 1/16W J        |
| R3313    | NRSA63J-0R0X | MG RESISTOR  | 0Ω 1/16W J        | R3726    | NRSA63J-0R0X | MG RESISTOR  | 0Ω 1/16W J        |
| R3314    | NRSA63J-0R0X | MG RESISTOR  | 0Ω 1/16W J        | R3727    | NRSA63J-472X | MG RESISTOR  | 4.7kΩ 1/16W J     |
| R3315    | NRSA63J-0R0X | MG RESISTOR  | 0Ω 1/16W J        | R3728    | NRSA63J-103X | MG RESISTOR  | 10kΩ 1/16W J      |
| R3316    | NRSA63J-0R0X | MG RESISTOR  | 0Ω 1/16W J        | R3733    | NRSA63J-102X | MG RESISTOR  | 1kΩ 1/16W J       |
| R3317    | NRSA63J-0R0X | MG RESISTOR  | 0Ω 1/16W J        | R3735    | NRSA63J-102X | MG RESISTOR  | 1kΩ 1/16W J       |
| R3318    | NRSA63J-0R0X | MG RESISTOR  | 0Ω 1/16W J        | R3736    | NRSA63J-101X | MG RESISTOR  | 100Ω 1/16W J      |
| R3319    | NRSA63J-0R0X | MG RESISTOR  | 0Ω 1/16W J        | R3737    | NRSA63J-101X | MG RESISTOR  | 100Ω 1/16W J      |
| R3321    | NQR0271-001X | EMI FILTEROR |                   | R3741    | NRSA63J-332X | MG RESISTOR  | 3.3kΩ 1/16W J     |
| R3322    | NQR0271-001X | EMI FILTEROR |                   | R3742    | NRSA63J-470X | MG RESISTOR  | 47Ω 1/16W J       |
| R3323    | NQR0271-001X | EMI FILTEROR |                   | R3743    | NRSA63J-101X | MG RESISTOR  | 100Ω 1/16W J      |
| R3324    | NQR0271-001X | EMI FILTEROR |                   | R3744    | NRSA63J-332X | MG RESISTOR  | 3.3kΩ 1/16W J     |
| R3325    | NRSA63J-0R0X | MG RESISTOR  | 0Ω 1/16W J        | R3745    | NRSA63J-0R0X | MG RESISTOR  | 0Ω 1/16W J        |
| R3326    | NRSA63J-0R0X | MG RESISTOR  | 0Ω 1/16W J        | R3746    | NRSA63J-0R0X | MG RESISTOR  | 0Ω 1/16W J        |
| R3327    | NRSA63J-0R0X | MG RESISTOR  | 0Ω 1/16W J        | R3747    | NRSA63J-103X | MG RESISTOR  | 10kΩ 1/16W J      |
| R3328    | NRSA63J-0R0X | MG RESISTOR  | 0Ω 1/16W J        | R3748    | NRSA63J-0R0X | MG RESISTOR  | 0Ω 1/16W J        |
| R3329    | NRSA63J-0R0X | MG RESISTOR  | 0Ω 1/16W J        | R3749    | NRSA63J-0R0X | MG RESISTOR  | 0Ω 1/16W J        |
| R3330    | NRSA63J-470X | MG RESISTOR  | 47Ω 1/16W J       | R3750    | NRSA63J-472X | MG RESISTOR  | 4.7kΩ 1/16W J     |
| R3331    | NQR0271-001X | EMI FILTEROR |                   | R3751    | NRSA63J-472X | MG RESISTOR  | 4.7kΩ 1/16W J     |
| R3332    | NQR0271-001X | EMI FILTEROR |                   | R3783    | NRSA63J-472X | MG RESISTOR  | 4.7kΩ 1/16W J     |
| R3333    | NQR0271-001X | EMI FILTEROR |                   | R3801    | NRZ0040-100X | NET RESISTOR | 10Ω 1/16W J x4    |
| R3334    | NQR0271-001X | EMI FILTEROR |                   | R3802    | NRZ0040-100X | NET RESISTOR | 10Ω 1/16W J x4    |
| R3335    | NRSA63J-0R0X | MG RESISTOR  | 0Ω 1/16W J        | R3803    | NRZ0040-100X | NET RESISTOR | 10Ω 1/16W J x4    |
| R3337    | NRSA63J-0R0X | MG RESISTOR  | 0Ω 1/16W J        | R3804    | NRZ0040-100X | NET RESISTOR | 10Ω 1/16W J x4    |
| R3341    | NRSA63J-0R0X | MG RESISTOR  | 0Ω 1/16W J        | R3805    | NRZ0040-100X | NET RESISTOR | 10Ω 1/16W J x4    |
| R3342    | NRSA63J-0R0X | MG RESISTOR  | 0Ω 1/16W J        | R3806    | NRZ0040-100X | NET RESISTOR | 10Ω 1/16W J x4    |
| R3343    | NRSA63J-0R0X | MG RESISTOR  | 0Ω 1/16W J        | R3807    | NRZ0040-100X | NET RESISTOR | 10Ω 1/16W J x4    |
| R3344    | NRSA63J-0R0X | MG RESISTOR  | 0Ω 1/16W J        | R3808    | NRZ0040-100X | NET RESISTOR | 10Ω 1/16W J x4    |
| R3345    | NRSA63J-220X | MG RESISTOR  | 22Ω 1/16W J       | R3809    | NRZ0040-0R0X | NET RESISTOR | 0Ω 1/16W J x4     |
| R3346    | NRSA63D-181X | MG RESISTOR  | 180Ω 1/16W D      | R3810    | NRZ0040-0R0X | NET RESISTOR | 0Ω 1/16W J x4     |
| R3347    | NRSA63D-151X | MG RESISTOR  | 150Ω 1/16W D      | R3811    | NRZ0040-0R0X | NET RESISTOR | 0Ω 1/16W J x4     |
| R3351    | NRSA63J-103X | MG RESISTOR  | 10kΩ 1/16W J      | R3812    | NRZ0040-0R0X | NET RESISTOR | 0Ω 1/16W J x4     |
| R3352    | NRSA63J-103X | MG RESISTOR  | 10kΩ 1/16W J      | R3813    | NRSA63J-100X | MG RESISTOR  | 10Ω 1/16W J       |
| R3353    | NRSA63J-103X | MG RESISTOR  | 10kΩ 1/16W J      | R3814    | NRSA63J-100X | MG RESISTOR  | 10Ω 1/16W J       |
| R3354    | NRSA63J-103X | MG RESISTOR  | 10kΩ 1/16W J      | R3815    | NRSA63J-100X | MG RESISTOR  | 10Ω 1/16W J       |
| R3361    | NRSA63J-0R0X | MG RESISTOR  | 0Ω 1/16W J        | R3816    | NRSA63J-100X | MG RESISTOR  | 10Ω 1/16W J       |
| R3362    | NRSA63D-103X | MG RESISTOR  | 10kΩ 1/16W D      | R3817    | NRSA63J-100X | MG RESISTOR  | 10Ω 1/16W J       |
| R3363    | NRSA63J-0R0X | MG RESISTOR  | 0Ω 1/16W J        | R3818    | NRSA63J-100X | MG RESISTOR  | 10Ω 1/16W J       |
| R3364    | NRSA63D-103X | MG RESISTOR  | 10kΩ 1/16W D      | R3819    | NRSA63J-100X | MG RESISTOR  | 10Ω 1/16W J       |
| R3365    | NRSA63J-0R0X | MG RESISTOR  | 0Ω 1/16W J        | R3820    | NRSA63J-100X | MG RESISTOR  | 10Ω 1/16W J       |
| R3366    | NRSA63D-103X | MG RESISTOR  | 10kΩ 1/16W D      | R3821    | NRSA63J-0R0X | MG RESISTOR  | 0Ω 1/16W J        |



| △Ref No. | Part No.      | Part Name    | Description Local | △Ref No. | Part No.      | Part Name     | Description Local |
|----------|---------------|--------------|-------------------|----------|---------------|---------------|-------------------|
| R3822    | NRSA63J-0R0X  | MG RESISTOR  | 0Ω 1/16W J        | CN302    | QGF0401F1-80W | CONNECTOR     | FFC/FPC (1-80)    |
| R3823    | NRSA63J-0R0X  | MG RESISTOR  | 0Ω 1/16W J        | CN303    | QGF0401F1-80W | CONNECTOR     | FFC/FPC (1-80)    |
| R3824    | NRSA63J-0R0X  | MG RESISTOR  | 0Ω 1/16W J        | CN304    | QGF0401F1-80W | CONNECTOR     | FFC/FPC (1-80)    |
| R3825    | NRSA63J-0R0X  | MG RESISTOR  | 0Ω 1/16W J        | K3001    | NQR0413-003X  | FERRITE BEADS |                   |
| R3826    | NRSA63J-0R0X  | MG RESISTOR  | 0Ω 1/16W J        | K3191    | NQR0413-003X  | FERRITE BEADS |                   |
| R3827    | NRSA63J-0R0X  | MG RESISTOR  | 0Ω 1/16W J        | K3192    | NQR0413-003X  | FERRITE BEADS |                   |
| R3828    | NRSA63J-331X  | MG RESISTOR  | 330Ω 1/16W J      | K3193    | NQR0413-003X  | FERRITE BEADS |                   |
| R3829    | NRSA63J-472X  | MG RESISTOR  | 4.7kΩ 1/16W J     | K3194    | NQR0413-003X  | FERRITE BEADS |                   |
| R3831    | NRSA63J-472X  | MG RESISTOR  | 4.7kΩ 1/16W J     | K3291    | NQR0413-003X  | FERRITE BEADS |                   |
| R3832    | NRSA63J-331X  | MG RESISTOR  | 330Ω 1/16W J      | K3292    | NQR0413-003X  | FERRITE BEADS |                   |
| R3833    | NRSA63J-472X  | MG RESISTOR  | 4.7kΩ 1/16W J     | K3293    | NQR0413-003X  | FERRITE BEADS |                   |
| R3834    | NRSA63J-472X  | MG RESISTOR  | 4.7kΩ 1/16W J     | K3294    | NQR0413-003X  | FERRITE BEADS |                   |
| R3835    | NRSA63J-332X  | MG RESISTOR  | 3.3kΩ 1/16W J     | K3391    | NQR0413-003X  | FERRITE BEADS |                   |
| R3837    | NRSA63J-0R0X  | MG RESISTOR  | 0Ω 1/16W J        | K3392    | NQR0413-003X  | FERRITE BEADS |                   |
| R3838    | NRSA63J-0R0X  | MG RESISTOR  | 0Ω 1/16W J        | K3393    | NQR0413-003X  | FERRITE BEADS |                   |
| R3839    | NRSA63J-332X  | MG RESISTOR  | 3.3kΩ 1/16W J     | K3394    | NQR0413-003X  | FERRITE BEADS |                   |
| R3841    | NRSA63J-0R0X  | MG RESISTOR  | 0Ω 1/16W J        | K3701    | NQR0413-003X  | FERRITE BEADS |                   |
| R3842    | NRSA63J-0R0X  | MG RESISTOR  | 0Ω 1/16W J        | K3741    | NQR0413-003X  | FERRITE BEADS |                   |
| R3843    | NRSA63J-101X  | MG RESISTOR  | 100Ω 1/16W J      | K3742    | NQR0413-003X  | FERRITE BEADS |                   |
| R3844    | NRSA63J-101X  | MG RESISTOR  | 100Ω 1/16W J      | K3743    | NQR0413-003X  | FERRITE BEADS |                   |
| R3845    | NRSA63J-332X  | MG RESISTOR  | 3.3kΩ 1/16W J     | K3744    | NQR0413-003X  | FERRITE BEADS |                   |
| R3846    | NRSA63J-102X  | MG RESISTOR  | 1kΩ 1/16W J       | K3851    | NQR0413-003X  | FERRITE BEADS |                   |
| R3847    | NRSA63J-332X  | MG RESISTOR  | 3.3kΩ 1/16W J     | K3852    | NQR0413-003X  | FERRITE BEADS |                   |
| R3848    | NRSA63J-102X  | MG RESISTOR  | 1kΩ 1/16W J       | K3861    | NQR0413-003X  | FERRITE BEADS |                   |
| R3851    | NRZ0040-100X  | NET RESISTOR | 10Ω 1/16W J x4    | K3881    | NQR0413-003X  | FERRITE BEADS |                   |
| R3852    | NRSA63J-472X  | MG RESISTOR  | 4.7kΩ 1/16W J     | K3891    | NQR0413-003X  | FERRITE BEADS |                   |
| R3853    | NRSA63J-472X  | MG RESISTOR  | 4.7kΩ 1/16W J     | K3892    | NQR0413-003X  | FERRITE BEADS |                   |
| R3854    | NRSA63J-472X  | MG RESISTOR  | 4.7kΩ 1/16W J     | X3202    | NAX0736-001X  | CXO           |                   |
| R3855    | NRSA63J-0R0X  | MG RESISTOR  | 0Ω 1/16W J        | X3701    | NAX0672-001X  | CRYSTAL       |                   |
| R3856    | NRSA63J-0R0X  | MG RESISTOR  | 0Ω 1/16W J        | X3881    | NAX0587-001X  | CXO           | 54MHz             |
| R3857    | NRSA63J-0R0X  | MG RESISTOR  | 0Ω 1/16W J        |          |               |               |                   |
| R3858    | NRSA63J-0R0X  | MG RESISTOR  | 0Ω 1/16W J        |          |               |               |                   |
| R3859    | NRSA63J-0R0X  | MG RESISTOR  | 0Ω 1/16W J        |          |               |               |                   |
| R3860    | NRSA63J-0R0X  | MG RESISTOR  | 0Ω 1/16W J        |          |               |               |                   |
| R3861    | NRSA63J-0R0X  | MG RESISTOR  | 0Ω 1/16W J        |          |               |               |                   |
| R3862    | NRSA63J-0R0X  | MG RESISTOR  | 0Ω 1/16W J        |          |               |               |                   |
| R3863    | NRSA63J-0R0X  | MG RESISTOR  | 0Ω 1/16W J        |          |               |               |                   |
| R3864    | NRS12BJ-0R0W  | MG RESISTOR  | 0Ω 1/2W J         |          |               |               |                   |
| R3881    | NRSA63J-0R0X  | MG RESISTOR  | 0Ω 1/16W J        |          |               |               |                   |
| R3882    | NRSA63J-100X  | MG RESISTOR  | 10Ω 1/16W J       |          |               |               |                   |
| R3892    | NRSA63J-332X  | MG RESISTOR  | 3.3kΩ 1/16W J     |          |               |               |                   |
| R3901    | NRSA63J-100X  | MG RESISTOR  | 10Ω 1/16W J       |          |               |               |                   |
| R3902    | NRSA63J-331X  | MG RESISTOR  | 330Ω 1/16W J      |          |               |               |                   |
| R3903    | NRSA63D-222X  | MG RESISTOR  | 2.2kΩ 1/16W D     |          |               |               |                   |
| R3904    | NRSA63D-222X  | MG RESISTOR  | 2.2kΩ 1/16W D     |          |               |               |                   |
| R3905    | NRSA63J-473X  | MG RESISTOR  | 47kΩ 1/16W J      |          |               |               |                   |
| R3906    | NRSA63D-222X  | MG RESISTOR  | 2.2kΩ 1/16W D     |          |               |               |                   |
| R3908    | NRSA63J-104X  | MG RESISTOR  | 100kΩ 1/16W J     |          |               |               |                   |
| R3909    | NRSA63J-102X  | MG RESISTOR  | 1kΩ 1/16W J       |          |               |               |                   |
| R3910    | NRSA63J-473X  | MG RESISTOR  | 47kΩ 1/16W J      |          |               |               |                   |
| R3911    | NRSA63J-180X  | MG RESISTOR  | 18Ω 1/16W J       |          |               |               |                   |
| R3912    | NRSA63J-100X  | MG RESISTOR  | 10Ω 1/16W J       |          |               |               |                   |
| R3913    | NRZ0075-R005X | MP RESISTOR  | 0.005Ω 1W J       |          |               |               |                   |
| R3917    | NRSA63J-471X  | MG RESISTOR  | 470Ω 1/16W J      |          |               |               |                   |
| R3918    | NRSA63J-0R0X  | MG RESISTOR  | 0Ω 1/16W J        |          |               |               |                   |
| R3931    | NRSA63J-102X  | MG RESISTOR  | 1kΩ 1/16W J       |          |               |               |                   |
| R3932    | NRSA63J-332X  | MG RESISTOR  | 3.3kΩ 1/16W J     |          |               |               |                   |
| R3933    | NRSA63D-122X  | MG RESISTOR  | 1.2kΩ 1/16W D     |          |               |               |                   |
| R3934    | NRSA63D-822X  | MG RESISTOR  | 8.2kΩ 1/16W D     |          |               |               |                   |
| R3935    | NRSA63D-332X  | MG RESISTOR  | 3.3kΩ 1/16W D     |          |               |               |                   |
| R3939    | NRSA63J-102X  | MG RESISTOR  | 1kΩ 1/16W J       |          |               |               |                   |
| R3951    | NRSA63D-391X  | MG RESISTOR  | 390Ω 1/16W D      |          |               |               |                   |
| R3952    | NRSA63D-332X  | MG RESISTOR  | 3.3kΩ 1/16W D     |          |               |               |                   |
| R3953    | NRSA63D-102X  | MG RESISTOR  | 1kΩ 1/16W D       |          |               |               |                   |
| R3954    | NRSA63J-103X  | MG RESISTOR  | 10kΩ 1/16W J      |          |               |               |                   |
| R3957    | NRSA63D-392X  | MG RESISTOR  | 3.9kΩ 1/16W D     |          |               |               |                   |
| R3958    | NRSA63J-560X  | MG RESISTOR  | 56Ω 1/16W J       |          |               |               |                   |
| R3959    | NRSA63D-102X  | MG RESISTOR  | 1kΩ 1/16W D       |          |               |               |                   |
| R3960    | NRSA63J-103X  | MG RESISTOR  | 10kΩ 1/16W J      |          |               |               |                   |
| R3968    | NRSA63J-472X  | MG RESISTOR  | 4.7kΩ 1/16W J     |          |               |               |                   |
| R3969    | NRSA63J-103X  | MG RESISTOR  | 10kΩ 1/16W J      |          |               |               |                   |
| R3970    | NRSA63D-202X  | MG RESISTOR  | 2kΩ 1/16W D       |          |               |               |                   |
| R3971    | NRSA63D-471X  | MG RESISTOR  | 470Ω 1/16W D      |          |               |               |                   |
| R3972    | NRSA63J-330X  | MG RESISTOR  | 33Ω 1/16W J       |          |               |               |                   |
| R3977    | NRS12BJ-0R0W  | MG RESISTOR  | 0Ω 1/2W J         |          |               |               |                   |
| R3978    | NRS12BJ-0R0W  | MG RESISTOR  | 0Ω 1/2W J         |          |               |               |                   |
| R3979    | NRS12BJ-0R0W  | MG RESISTOR  | 0Ω 1/2W J         |          |               |               |                   |
| R3981    | NRS12BJ-102W  | MG RESISTOR  | 1kΩ 1/2W J        |          |               |               |                   |
| R3982    | NRS12BJ-102W  | MG RESISTOR  | 1kΩ 1/2W J        |          |               |               |                   |
| R3983    | NRS12BJ-471W  | MG RESISTOR  | 470Ω 1/2W J       |          |               |               |                   |
| L3701    | NQL092K-2R2X  | COIL         | 2.2uH K           |          |               |               |                   |
| L3901    | NQL51EM-100X  | COIL         | 10uH M            |          |               |               |                   |
| L3902    | NQL52EN-4R7X  | COIL         | 4.7uH N           |          |               |               |                   |
| L3931    | NQL63EM-101X  | COIL         | 100uH M           |          |               |               |                   |
| L3932    | NQL52EN-4R7X  | COIL         | 4.7uH N           |          |               |               |                   |

### REMOTE SENSOR P.W. BOARD ASSY (SRP-8005A-M2)

| △Ref No. | Part No.     | Part Name       | Description Local |
|----------|--------------|-----------------|-------------------|
| IC8001   | GP1UM281QK   | IR DETECT UNIT  | 38kHz             |
| D8001    | MA8068-X     | Z DIODE         |                   |
| C8001    | NCB31CK-104X | C CAPACITOR     | 0.1uF 16V K       |
| C8002    | QETN1EM-476Z | E CAPACITOR     | 47uF 25V M        |
| R8001    | NRSA63J-102X | MG RESISTOR     | 1kΩ 1/16W J       |
| R8003    | NRSA63J-101X | MG RESISTOR     | 100Ω 1/16W J      |
| R8004    | NRSA63J-101X | MG RESISTOR     | 100Ω 1/16W J      |
| CN800R   | WJK0174-001A | E-SI C WIRE C-B |                   |

### FAN CONTROL P.W. BOARD ASS'Y (SRP-8106A-M2)

| △Ref No. | Part No.       | Part Name    | Description Local |
|----------|----------------|--------------|-------------------|
| IC8001   | LM2941S-W      | IC           |                   |
| IC8002   | PQ20WZ11-X     | IC           |                   |
| IC8003   | PQ20WZ11-X     | IC           |                   |
| IC8005   | SN74HC32NS-X   | IC (DIGITAL) |                   |
| Q8001    | 2SC3928A/QR/-X | TRANSISTOR   |                   |
| Q8002    | 2SC3928A/QR/-X | TRANSISTOR   |                   |
| Q8003    | 2SC3928A/QR/-X | TRANSISTOR   |                   |
| Q8004    | 2SC3928A/QR/-X | TRANSISTOR   |                   |
| Q8005    | 2SC3928A/QR/-X | TRANSISTOR   |                   |
| D8001    | STZ6.8N-X      | Z DIODE      |                   |
| D8002    | STZ6.8N-X      | Z DIODE      |                   |
| D8003    | STZ6.8N-X      | Z DIODE      |                   |
| C8001    | NEHL1CM-476X   | E CAPACITOR  | 47uF 16V M        |
| C8002    | NCF31CZ-104X   | C CAPACITOR  | 0.1uF 16V Z       |
| C8003    | NEHL1CM-476X   | E CAPACITOR  | 47uF 16V M        |
| C8004    | NEHL1CM-476X   | E CAPACITOR  | 47uF 16V M        |
| C8005    | NDC31HJ-101X   | C CAPACITOR  | 100pF 50V J       |
| C8008    | NEHL1CM-106X   | E CAPACITOR  | 10uF 16V M        |
| C8009    | NCF31CZ-104X   | C CAPACITOR  | 0.1uF 16V Z       |
| C8010    | NEHL1CM-476X   | E CAPACITOR  | 47uF 16V M        |
| C8011    | NDC31HJ-101X   | C CAPACITOR  | 100pF 50V J       |
| C8018    | NEHL1CM-106X   | E CAPACITOR  | 10uF 16V M        |
| C8019    | NCF31CZ-104X   | C CAPACITOR  | 0.1uF 16V Z       |
| C8020    | NEHL1CM-476X   | E CAPACITOR  | 47uF 16V M        |

| △Ref No. | Part No.     | Part Name    | Description Local |
|----------|--------------|--------------|-------------------|
| C8021    | NDC31HJ-101X | C CAPACITOR  | 100pF 50V J       |
| C8031    | NEHL1CM-106X | E CAPACITOR  | 10uF 16V M        |
| R8001    | NRSA63J-103X | MG RESISTOR  | 10kΩ 1/16W J      |
| R8002    | NRSA63J-473X | MG RESISTOR  | 47kΩ 1/16W J      |
| R8003    | NRSA63D-182X | MG RESISTOR  | 1.8kΩ 1/16W D     |
| R8004    | NRSA63D-681X | MG RESISTOR  | 680Ω 1/16W D      |
| R8005    | NRSA63D-472X | MG RESISTOR  | 4.7kΩ 1/16W D     |
| R8006    | NRSA63D-102X | MG RESISTOR  | 1kΩ 1/16W D       |
| R8011    | NRSA63J-103X | MG RESISTOR  | 10kΩ 1/16W J      |
| R8012    | NRSA63J-473X | MG RESISTOR  | 47kΩ 1/16W J      |
| R8013    | NRSA63J-822X | MG RESISTOR  | 8.2kΩ 1/16W J     |
| R8014    | NRSA63D-562X | MG RESISTOR  | 5.6kΩ 1/16W D     |
| R8015    | NRSA63J-561X | MG RESISTOR  | 560Ω 1/16W J      |
| R8016    | NRSA63D-222X | MG RESISTOR  | 2.2kΩ 1/16W D     |
| R8021    | NRSA63J-103X | MG RESISTOR  | 10kΩ 1/16W J      |
| R8022    | NRSA63J-473X | MG RESISTOR  | 47kΩ 1/16W J      |
| R8023    | NRSA63D-472X | MG RESISTOR  | 4.7kΩ 1/16W D     |
| R8024    | NRSA63D-472X | MG RESISTOR  | 4.7kΩ 1/16W D     |
| R8025    | NRSA63J-221X | MG RESISTOR  | 220Ω 1/16W J      |
| R8026    | NRSA63D-202X | MG RESISTOR  | 2kΩ 1/16W D       |
| R8031    | NRSA63J-103X | MG RESISTOR  | 10kΩ 1/16W J      |
| R8032    | NRSA63J-223X | MG RESISTOR  | 22kΩ 1/16W J      |
| R8033    | NRSA63J-472X | MG RESISTOR  | 4.7kΩ 1/16W J     |
| R8034    | NRSA63J-103X | MG RESISTOR  | 10kΩ 1/16W J      |
| R8035    | NRSA63J-223X | MG RESISTOR  | 22kΩ 1/16W J      |
| R8036    | NRSA63J-472X | MG RESISTOR  | 4.7kΩ 1/16W J     |
| R8041    | NRZ0040-103X | NET RESISTOR | 10kΩ 1/16W J x4   |
| R8042    | NRZ0040-101X | NET RESISTOR | 100Ω 1/16W J x4   |

## TEMP SENSOR P.W. BOARD ASS'Y (SRP-8206A-M2)

| △Ref No. | Part No.     | Part Name   | Description Local |
|----------|--------------|-------------|-------------------|
| IC2001   | LM75CIM-5-X  | IC          |                   |
| D2001    | STZ6.8N-X    | Z DIODE     |                   |
| C2002    | NCB21CK-105X | C CAPACITOR | 1uF 16V K         |
| R2001    | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J      |
| R2002    | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J      |
| R2003    | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J      |
| K2001    | NRSA02J-0R0X | MG RESISTOR | 0Ω 1/10W J        |

## SD CARD P.W. BOARD ASS'Y (SRP-8510A-M2)

| △Ref No. | Part No.     | Part Name    | Description Local |
|----------|--------------|--------------|-------------------|
| IC1001   | W81386D-G    | IC           |                   |
| C1001    | NEHL1CM-106X | E CAPACITOR  | 10uF 16V M        |
| C1002    | NCB31EK-103X | C CAPACITOR  | 0.01uF 25V K      |
| C1003    | NDC31HJ-270X | C CAPACITOR  | 27pF 50V J        |
| C1004    | NDC31HJ-270X | C CAPACITOR  | 27pF 50V J        |
| C1005    | NDC31HJ-150X | C CAPACITOR  | 15pF 50V J        |
| C1006    | NDC31HJ-150X | C CAPACITOR  | 15pF 50V J        |
| C1007    | NCB31EK-103X | C CAPACITOR  | 0.01uF 25V K      |
| C1008    | NEHL1CM-106X | E CAPACITOR  | 10uF 16V M        |
| C1009    | NDC31HJ-270X | C CAPACITOR  | 27pF 50V J        |
| C1010    | NDC31HJ-270X | C CAPACITOR  | 27pF 50V J        |
| C1011    | NCB31EK-103X | C CAPACITOR  | 0.01uF 25V K      |
| C1012    | NEHL1CM-106X | E CAPACITOR  | 10uF 16V M        |
| R1001    | NRSA63J-152X | MG RESISTOR  | 1.5kΩ 1/16W J     |
| R1003    | NRSA63J-330X | MG RESISTOR  | 33Ω 1/16W J       |
| R1004    | NRSA63J-330X | MG RESISTOR  | 33Ω 1/16W J       |
| R1005    | NRSA63J-0R0X | MG RESISTOR  | 0Ω 1/16W J        |
| R1006    | NRSA63J-103X | MG RESISTOR  | 10kΩ 1/16W J      |
| R1008    | NRSA63J-472X | MG RESISTOR  | 4.7kΩ 1/16W J     |
| R1011    | NCF31CZ-104X | C CAPACITOR  | 0.1uF 16V Z       |
| R1012    | NRSA63J-472X | MG RESISTOR  | 4.7kΩ 1/16W J     |
| R1014    | NRSA63J-103X | MG RESISTOR  | 10kΩ 1/16W J      |
| R1027    | NRSA63J-334X | MG RESISTOR  | 330kΩ 1/16W J     |
| RA1001   | NRZ0040-473X | NET RESISTOR | 47kΩ 1/16W J x4   |
| RA1002   | NRZ0040-473X | NET RESISTOR | 47kΩ 1/16W J x4   |
| L1001    | NQR0506-001X | EMI FILTER   |                   |

| △Ref No. | Part No.     | Part Name  | Description Local |
|----------|--------------|------------|-------------------|
| LC1001   | NQR0415-001X | EMI FILTER | 1uF 10V M         |
| X1001    | NAX0644-001X | CRYSTAL    | 6.000000MHz       |

## POWER P.W. BOARD ASS'Y (SRP-9021A-M2)

| △Ref No. | Part No.       | Part Name       | Description Local |
|----------|----------------|-----------------|-------------------|
| IC9141   | BA50BC0FP-X    | IC              |                   |
| △IC9211  | MC33262D-X     | IC              |                   |
| IC9301   | BAJ5CC0FP-X    | IC              |                   |
| IC9501   | STR-W6765-F5   | IC              |                   |
| Q9021    | 2SC3928A/QR/-X | TRANSISTOR      |                   |
| Q9211    | 2SK2698-LB     | POWER MOS FET   |                   |
| Q9212    | 2SC3928A/QR/-X | TRANSISTOR      |                   |
| Q9213    | IMD3A-W        | TRANSISTOR      |                   |
| Q9215    | 2SC3928A/QR/-X | TRANSISTOR      |                   |
| Q9251    | UN2213-X       | DIGI TRANSISTOR |                   |
| Q9252    | UN2213-X       | DIGI TRANSISTOR |                   |
| Q9255    | 2SC3928A/QR/-X | TRANSISTOR      |                   |
| Q9281    | 2SA1530A/QR/-X | TRANSISTOR      |                   |
| Q9283    | 2SC3928A/QR/-X | TRANSISTOR      |                   |
| Q9284    | UN2211-X       | TRANSISTOR      |                   |
| D9001    | MA8047-X       | Z DIODE         |                   |
| D9021    | MA111-X        | SI DIODE        |                   |
| D9111    | S1WB/A/60-4101 | BRIDGE DIODE    |                   |
| △D9201   | RBV-606        | BRIDGE DIODE    |                   |
| D9202    | MA111-X        | SI DIODE        |                   |
| D9211    | YG972S6R       | SI DIODE        |                   |
| D9213    | MA111-X        | SI DIODE        |                   |
| D9214    | MA111-X        | SI DIODE        |                   |
| D9251    | MA8068/M/-X    | Z DIODE         |                   |
| D9252    | MA111-X        | SI DIODE        |                   |
| D9253    | MA111-X        | SI DIODE        |                   |
| D9254    | D1FL20U-X      | SI DIODE        |                   |
| D9281    | MA8024-X       | Z DIODE         |                   |
| D9282    | MA111-X        | SI DIODE        |                   |
| D9301    | D1FS4-X        | SB DIODE        |                   |
| D9501    | SARS01-T2      | SI DIODE        |                   |
| D9502    | SARS01-T2      | SI DIODE        |                   |
| D9503    | RGP10J-04TS-T3 | SI DIODE        |                   |
| D9504    | D1FS4-X        | SB DIODE        |                   |
| D9505    | MTZJ33B-T2     | Z DIODE         |                   |
| D9506    | D1FL20U-X      | SI DIODE        |                   |
| D9507    | MA111-X        | SI DIODE        |                   |
| D9510    | MA111-X        | SI DIODE        |                   |
| D9511    | D1FS4-X        | SB DIODE        |                   |
| D9512    | D1FL20U-X      | SI DIODE        |                   |
| D9514    | MTZJ13B-T2     | Z DIODE         |                   |
| D9551    | HER202G-FL     | SI DIODE        |                   |
| D9552    | HER202G-FL     | SI DIODE        |                   |
| D9553    | FME-220A       | SB DIODE        |                   |
| D9554    | RGP10J-04TS-T3 | SI DIODE        |                   |
| D9555    | MTZJ15B-T2     | Z DIODE         |                   |
| D9556    | MTZJ16C-T2     | Z DIODE         |                   |
| D9557    | RGP10J-04TS-T3 | SI DIODE        |                   |
| D9701    | UTCTL431-T     | IC              |                   |

|        |              |               |                 |
|--------|--------------|---------------|-----------------|
| △C9001 | QFZ9075-105  | MPP CAPACITOR | 1uF AC275V M    |
| △C9002 | QFZ9075-105  | MPP CAPACITOR | 1uF AC275V M    |
| △C9011 | QCZ9079-102  | C CAPACITOR   | 1000pF AC250V M |
| △C9013 | QCZ9079-102  | C CAPACITOR   | 1000pF AC250V M |
| △C9101 | QCZ9078-472  | C CAPACITOR   | 4700pF AC250V M |
| △C9102 | QCZ9078-472  | C CAPACITOR   | 4700pF AC250V M |
| △C9103 | QCZ9078-472  | C CAPACITOR   | 4700pF AC250V M |
| C9111  | QEHQ2GM-226  | E CAPACITOR   | 22uF 400V M     |
| C9141  | QECR1CM-477Z | E CAPACITOR   | 470uF 16V M     |
| C9142  | QEHR1AM-337Z | E CAPACITOR   | 330uF 10V M     |
| C9143  | QEHR1CM-107Z | E CAPACITOR   | 100uF 16V M     |
| △C9197 | QCZ9079-102  | C CAPACITOR   | 1000pF AC250V M |
| △C9198 | QCZ9079-222  | C CAPACITOR   | 2200pF AC250V M |
| △C9201 | QCZ9078-222  | C CAPACITOR   | 2200pF AC250V M |
| △C9202 | QCZ9078-222  | C CAPACITOR   | 2200pF AC250V M |
| △C9203 | QCZ9078-222  | C CAPACITOR   | 2200pF AC250V M |
| △C9204 | QCZ9078-222  | C CAPACITOR   | 2200pF AC250V M |
| C9211  | QFZ0213-155  | MM CAPACITOR  | 1.5uF 400V K    |
| C9212  | NCB31HK-103X | C CAPACITOR   | 0.01uF 50V K    |
| C9213  | NCB21CK-684X | C CAPACITOR   | 0.68uF 16V K    |
| C9214  | NDC31HJ-102X | C CAPACITOR   | 1000pF 50V J    |
| C9215  | QEHR1VM-476Z | E CAPACITOR   | 47uF 35V M      |
| C9216  | QEZ0650-227  | E CAPACITOR   | 220uF 450V M    |
| C9217  | QCZ0340-471  | C CAPACITOR   | 470pF 2kV K     |
| C9218  | NCB31HK-103X | C CAPACITOR   | 0.01uF 50V K    |

| △Ref No. | Part No.     | Part Name        | Description Local | △Ref No. | Part No.        | Part Name      | Description Local |
|----------|--------------|------------------|-------------------|----------|-----------------|----------------|-------------------|
| C9219    | QCZ0122-471  | C CAPACITOR      | 470pF 2kV K       | △R9506   | QRZ9017-120     | FUSI RESISTOR  | 12Ω 1/4W J        |
| C9251    | QETN1HM-107Z | E CAPACITOR      | 100uF 50V M       | R9507    | NRS12BJ-100W    | MG RESISTOR    | 10Ω 1/2W J        |
| C9252    | NCB21HK-104X | C CAPACITOR      | 0.1uF 50V K       | R9508    | NRS12BJ-122W    | MG RESISTOR    | 1.2kΩ 1/2W J      |
| C9281    | QETN1HM-106Z | E CAPACITOR      | 10uF 50V M        | R9510    | NRSA63J-102X    | MG RESISTOR    | 1kΩ 1/16W J       |
| C9301    | QETN1EM-107Z | E CAPACITOR      | 100uF 25V M       | R9511    | QRK126J-101X    | UNF C RESISTOR | 100Ω 1/2W J       |
| C9302    | NCB31HK-104X | C CAPACITOR      | 0.1uF 50V K       | R9512    | QRX01GJ-R47     | MF RESISTOR    | 0.47Ω 1W J        |
| C9303    | NCF11EZ-105X | C CAPACITOR      | 1uF 25V Z         | R9514    | NRSA63J-332X    | MG RESISTOR    | 3.3kΩ 1/16W J     |
| C9501    | QFP32JK-332  | PP CAPACITOR     | 3300pF 630V K     | △R9515   | QRZ9009-4R7     | FUSI RESISTOR  | 4.7Ω 1/2W J       |
| C9503    | NCB31HK-332X | C CAPACITOR      | 3300pF 50V K      | R9516    | NRSA63J-104X    | MG RESISTOR    | 100kΩ 1/16W J     |
| C9504    | QETN1VM-476Z | E CAPACITOR      | 47uF 35V M        | R9551    | QRT039J-R47     | MF RESISTOR    | 0.47Ω 3W J        |
| C9505    | NDC31HJ-471X | C CAPACITOR      | 470pF 50V J       | R9552    | QRT039J-R47     | MF RESISTOR    | 0.47Ω 3W J        |
| C9506    | QEHR1HM-105Z | E CAPACITOR      | 1uF 50V M         | R9553    | QRL029J-331     | OMF RESISTOR   | 330Ω 2W J         |
| C9507    | NCB31EK-104X | C CAPACITOR      | 0.1uF 25V K       | R9554    | QRG01GJ-222     | OMF RESISTOR   | 2.2kΩ 1W J        |
| C9508    | QCZ0340-471  | C CAPACITOR      | 470pF 2kV K       | R9559    | NRSA63J-334X    | MG RESISTOR    | 330kΩ 1/16W J     |
| C9510    | QEHR1HM-107Z | E CAPACITOR      | 100uF 50V M       | R9562    | QRL029J-101     | OMF RESISTOR   | 100Ω 2W J         |
| C9511    | QEHR1HM-107Z | E CAPACITOR      | 100uF 50V M       | R9701    | NRSA63J-102X    | MG RESISTOR    | 1kΩ 1/16W J       |
| C9512    | NCB31HK-102X | C CAPACITOR      | 1000pF 50V K      | R9702    | NRSA63J-102X    | MG RESISTOR    | 1kΩ 1/16W J       |
| C9553    | NRSA63J-0R0X | MG RESISTOR      | 0Ω 1/16W J        | R9705    | NRSA63J-123X    | MG RESISTOR    | 12kΩ 1/16W J      |
| C9555    | QECQ1EM-188  | E CAPACITOR      | 1800uF 25V M      | R9706    | NRSA63D-123X    | MG RESISTOR    | 12kΩ 1/16W D      |
| C9556    | QECQ1EM-188  | E CAPACITOR      | 1800uF 25V M      | R9707    | NRSA63D-272X    | MG RESISTOR    | 2.7kΩ 1/16W D     |
| C9559    | QEHR2AM-106Z | E CAPACITOR      | 10uF 100V M       | R9802    | NRSA63J-0R0X    | MG RESISTOR    | 0Ω 1/16W J        |
| C9560    | QEHR1HM-105Z | E CAPACITOR      | 1uF 50V M         | R9803    | NRSA63J-0R0X    | MG RESISTOR    | 0Ω 1/16W J        |
| C9562    | QEHR1EM-108Z | E CAPACITOR      | 1000uF 25V M      | △R9991   | QRZ9046-685Z    | C RESISTOR     | 6.8MΩ 1/2W K      |
| C9563    | QETM1HM-108  | E CAPACITOR      | 1000uF 50V M      | L9141    | QQL26AK-470Z    | CHOKE COIL     | 47uH K            |
| C9564    | QETM1HM-108  | E CAPACITOR      | 1000uF 50V M      | L9202    | QQR1468-001     | CHOKE COIL     |                   |
| C9565    | NCB31HK-102X | C CAPACITOR      | 1000pF 50V K      | △T9121   | QAL0425-001     | POWER MODULE   |                   |
| C9566    | NCB31HK-102X | C CAPACITOR      | 1000pF 50V K      | △T9501   | QQS0330-001     | SW TRANSF      |                   |
| C9567    | NCB31HK-102X | C CAPACITOR      | 1000pF 50V K      | △CP9121  | QMFZ052-2R0-E   | FUSE           | 2A AC250V         |
| C9568    | NCB31HK-102X | C CAPACITOR      | 1000pF 50V K      | △CP9211  | QMFZ043-5R0Z-J1 | FUSE           | 5A AC250V         |
| C9569    | NCB31HK-102X | C CAPACITOR      | 1000pF 50V K      | △CP9554  | ICP-N50-Y       | IC PROTECTOR   | 2.0A              |
| C9703    | NCB31EK-104X | C CAPACITOR      | 0.1uF 25V K       | △CP9555  | ICP-N50-Y       | IC PROTECTOR   | 2.0A              |
| △R9001   | QRZ9046-105Z | C RESISTOR       | 1MΩ 1/2W K        | △CP9556  | ICP-N70-T       | IC PROTECTOR   | 2.5A              |
| R9003    | QRE121J-473Y | C RESISTOR       | 47kΩ 1/2W J       | △CP9557  | ICP-N70-T       | IC PROTECTOR   | 2.5A              |
| R9004    | QRE121J-473Y | C RESISTOR       | 47kΩ 1/2W J       | △F9001   | QMF51D2-6R3-J1  | FUSE           | 6.3A AC250V       |
| R9021    | NRSA63J-472X | MG RESISTOR      | 4.7kΩ 1/16W J     | △K9111   | NQR0413-003X    | FERRITE BEADS  |                   |
| R9022    | NRSA63J-473X | MG RESISTOR      | 47kΩ 1/16W J      | K9211    | QQR0621-002Z    | FERRITE BEADS  |                   |
| R9101    | QRZ0216-4R7  | UNF VWW RESISTOR | 4.7Ω 7W K         | K9212    | QQR0621-002Z    | FERRITE BEADS  |                   |
| R9141    | QRX01GJ-1R0  | MF RESISTOR      | 1Ω 1W J           | K9501    | QQR0621-002Z    | FERRITE BEADS  |                   |
| R9142    | QRX01GJ-R82  | MF RESISTOR      | 0.82Ω 1W J        | K9502    | QQR0621-002Z    | FERRITE BEADS  |                   |
| R9148    | NRSA63J-103X | MG RESISTOR      | 10kΩ 1/16W J      | K9551    | QQR0621-002Z    | FERRITE BEADS  |                   |
| R9201    | QRZ0121-200  | UNF VWW RESISTOR | 20Ω 5W J          | K9552    | QQR0621-002Z    | FERRITE BEADS  |                   |
| R9203    | QRG01GJ-181  | OMF RESISTOR     | 180Ω 1W J         | K9553    | NRSA02J-0R0X    | MG RESISTOR    | 0Ω 1/10W J        |
| R9211    | NRS12BJ-474W | MG RESISTOR      | 470kΩ 1/2W J      | △LF9001  | QQR1542-001     | LINE FILTER    |                   |
| R9212    | NRS12BJ-474W | MG RESISTOR      | 470kΩ 1/2W J      | △LF9002  | QQR1466-001     | LINE FILTER    |                   |
| R9213    | NRS12BJ-334W | MG RESISTOR      | 330kΩ 1/2W J      | △LF9003  | QQR1467-001     | LINE FILTER    |                   |
| R9214    | NRSA63J-153X | MG RESISTOR      | 15kΩ 1/16W J      | △PC9001  | PS2581AL1/QW/   | PHOTO COUPLER  |                   |
| R9215    | NRSA63J-331X | MG RESISTOR      | 330Ω 1/16W J      | △PC9281  | PS2581AL1/QW/   | PHOTO COUPLER  |                   |
| R9216    | NRSA63J-224X | MG RESISTOR      | 220kΩ 1/16W J     | △PC9501  | PS2581AL1/QW/   | PHOTO COUPLER  |                   |
| R9217    | NRSA63J-224X | MG RESISTOR      | 220kΩ 1/16W J     | △RY9021  | QSK0119-001     | RELAY          |                   |
| R9218    | NRSA63D-103X | MG RESISTOR      | 10kΩ 1/16W D      | △RY9201  | QSK0117-001     | RELAY          |                   |
| R9219    | NRS12BJ-223W | MG RESISTOR      | 22kΩ 1/2W J       | △VA9001  | ERZV10V621CS    | ZNR            |                   |
| R9220    | QRM059J-R22  | MP RESISTOR      | 0.22Ω 5W J        |          |                 |                |                   |
| R9221    | QRM059J-R22  | MP RESISTOR      | 0.22Ω 5W J        |          |                 |                |                   |
| R9222    | NRS12BJ-334W | MG RESISTOR      | 330kΩ 1/2W J      |          |                 |                |                   |
| R9223    | NRS12BJ-334W | MG RESISTOR      | 330kΩ 1/2W J      |          |                 |                |                   |
| R9224    | NRS12BJ-334W | MG RESISTOR      | 330kΩ 1/2W J      |          |                 |                |                   |
| R9225    | NRS12BJ-334W | MG RESISTOR      | 330kΩ 1/2W J      |          |                 |                |                   |
| R9226    | NRS12BJ-334W | MG RESISTOR      | 330kΩ 1/2W J      |          |                 |                |                   |
| R9227    | NRS12BJ-334W | MG RESISTOR      | 330kΩ 1/2W J      |          |                 |                |                   |
| R9228    | NRSA63J-103X | MG RESISTOR      | 10kΩ 1/16W J      |          |                 |                |                   |
| R9233    | NRS12BJ-474W | MG RESISTOR      | 470kΩ 1/2W J      |          |                 |                |                   |
| R9236    | NRS12BJ-474W | MG RESISTOR      | 470kΩ 1/2W J      |          |                 |                |                   |
| R9237    | NRSA63J-103X | MG RESISTOR      | 10kΩ 1/16W J      |          |                 |                |                   |
| R9251    | NRSA63J-0R0X | MG RESISTOR      | 0Ω 1/16W J        |          |                 |                |                   |
| R9253    | NRSA63J-223X | MG RESISTOR      | 22kΩ 1/16W J      |          |                 |                |                   |
| R9254    | NRSA63J-473X | MG RESISTOR      | 47kΩ 1/16W J      |          |                 |                |                   |
| R9255    | NRSA63J-224X | MG RESISTOR      | 220kΩ 1/16W J     |          |                 |                |                   |
| R9256    | NRSA63J-153X | MG RESISTOR      | 15kΩ 1/16W J      |          |                 |                |                   |
| R9258    | NRSA63J-101X | MG RESISTOR      | 100Ω 1/16W J      |          |                 |                |                   |
| R9259    | NRSA63J-473X | MG RESISTOR      | 47kΩ 1/16W J      |          |                 |                |                   |
| R9281    | NRSA63J-333X | MG RESISTOR      | 33kΩ 1/16W J      |          |                 |                |                   |
| R9282    | NRSA63J-104X | MG RESISTOR      | 100kΩ 1/16W J     |          |                 |                |                   |
| R9283    | NRSA63J-682X | MG RESISTOR      | 6.8kΩ 1/16W J     |          |                 |                |                   |
| R9284    | NRSA63J-682X | MG RESISTOR      | 6.8kΩ 1/16W J     |          |                 |                |                   |
| R9285    | NRSA63J-183X | MG RESISTOR      | 18kΩ 1/16W J      |          |                 |                |                   |
| R9288    | NRSA63J-470X | MG RESISTOR      | 47Ω 1/16W J       |          |                 |                |                   |
| R9289    | NRSA63J-682X | MG RESISTOR      | 6.8kΩ 1/16W J     |          |                 |                |                   |
| R9290    | NRSA63J-183X | MG RESISTOR      | 18kΩ 1/16W J      |          |                 |                |                   |
| R9291    | NRSA63J-332X | MG RESISTOR      | 3.3kΩ 1/16W J     |          |                 |                | (SERVICE)         |
| R9292    | NRSA63J-821X | MG RESISTOR      | 820Ω 1/16W J      |          |                 |                | (SERVICE)         |
| R9301    | NRS12BJ-122W | MG RESISTOR      | 1.2kΩ 1/2W J      |          |                 |                |                   |
| R9501    | QRL039J-104  | OMF RESISTOR     | 100kΩ 3W J        |          |                 |                |                   |
| R9502    | QRL039J-333  | OMF RESISTOR     | 33kΩ 3W J         |          |                 |                |                   |
| R9503    | QRE121J-394Y | C RESISTOR       | 390kΩ 1/2W J      |          |                 |                |                   |
| R9504    | QRE121J-394Y | C RESISTOR       | 390kΩ 1/2W J      |          |                 |                |                   |
| R9505    | QRL039J-220  | OMF RESISTOR     | 22Ω 3W J          |          |                 |                |                   |

## DIGITAL SIGNAL P.W. BOARD ASS'Y (SRP0D023A-M2)

| △Ref No. | Part No.        | Part Name | Description Local |
|----------|-----------------|-----------|-------------------|
| IC0401   | SN74AHCT1G32V-X | IC        |                   |
| IC1001   | TC90A92AFG      | IC        |                   |
| IC1002   | MM1572FN-X      | IC        |                   |
| IC1003   | R1141Q151D-X    | IC        |                   |
| IC1005   | ML87V2105TBZ03A | IC        |                   |
| IC1502   | NJM2235V-X      | IC        |                   |
| IC3001   | JCC5055         | IC        |                   |
| IC3004   | TC7MB3257FK-X   | IC        |                   |
| IC3005   | SN74LVC1G08V-X  | IC        |                   |
| IC3006   | SN74LVC2G126T-X | IC        |                   |
| IC3008   | R1141Q331B-X    | IC        |                   |
| IC3403   | S-80928CLNB-W   | IC        |                   |
| IC3501   | HY5DU283222AQ-5 | IC        |                   |
| IC3502   | K4D263238F-UC50 | IC        |                   |
| IC3503   | LP2996MR-X      | IC        |                   |
| IC4001   | JCC5057         | IC        |                   |
| IC4003   | AT29LV01-61Z786 | IC        | (SERVICE)         |
| IC4004   | ATF256-61Z786-1 | IC        | (SERVICE)         |
| IC4005   | SN74LVC1G08V-X  | IC        |                   |
| IC6502   | THC63LVDM83R-W  | IC        |                   |
| IC7001   | MN102H60KPF1    | IC(MCU)   |                   |
| IC7002   | ATF256-61Z786-2 | IC        | (SERVICE)         |
| IC7003   | SN74AHC2G241T-X | IC        |                   |
| IC7401   | S-80928CLNB-W   | IC        |                   |

| △Ref No. | Part No.       | Part Name       | Description Local | △Ref No. | Part No.     | Part Name      | Description Local |
|----------|----------------|-----------------|-------------------|----------|--------------|----------------|-------------------|
| IC7601   | M306V7MG-119FP | IC(MCU)         | (SERVICE)         | C0205    | NDC31HJ-330X | C CAPACITOR    | 33pF 50V J        |
| IC7602   | ATF16-61Z786   | IC              |                   | C0206    | NDC31HJ-390X | C CAPACITOR    | 39pF 50V J        |
| IC7603   | SN74LVC1G04V-X | IC              |                   | C0207    | NCB31CK-104X | C CAPACITOR    | 0.1uF 16V K       |
| IC7607   | MM1510XN-X     | IC              |                   | C0209    | NCB11AK-106X | C CAPACITOR    | 10uF 10V K        |
| IC7608   | MM1510XN-X     | IC              |                   | C0210    | NCB11AK-106X | C CAPACITOR    | 10uF 10V K        |
| IC7609   | SN74AHC1G08V-X | IC              |                   | C0211    | NDC31HJ-820X | C CAPACITOR    | 82pF 50V J        |
| IC9201   | MP1580HS-X     | IC              |                   | C0212    | NDC31HJ-820X | C CAPACITOR    | 82pF 50V J        |
| Q0101    | 2SC3837K/NP/-X | TRANSISTOR      |                   | C0213    | NCB11AK-106X | C CAPACITOR    | 10uF 10V K        |
| Q0102    | 2SA1022/BC/-X  | TRANSISTOR      |                   | C0214    | NCB31CK-104X | C CAPACITOR    | 0.1uF 16V K       |
| Q0104    | 2SA1022/BC/-X  | TRANSISTOR      |                   | C0215    | NCB31CK-104X | C CAPACITOR    | 0.1uF 16V K       |
| Q0107    | 2SA1530A/QR/-X | TRANSISTOR      |                   | C0217    | NDC31HJ-560X | C CAPACITOR    | 56pF 50V J        |
| Q0108    | 2SC3928A/QR/-X | TRANSISTOR      |                   | C0219    | NDC31HJ-470X | C CAPACITOR    | 47pF 50V J        |
| Q0109    | HN1C01F/Y/-X   | PAIR TRANSISTOR |                   | C0304    | NDC31HJ-390X | C CAPACITOR    | 39pF 50V J        |
| Q0110    | HN1C01F/Y/-X   | PAIR TRANSISTOR |                   | C0305    | NDC31HJ-330X | C CAPACITOR    | 33pF 50V J        |
| Q0201    | 2SC3837K/NP/-X | TRANSISTOR      |                   | C0306    | NDC31HJ-390X | C CAPACITOR    | 39pF 50V J        |
| Q0202    | 2SA1022/BC/-X  | TRANSISTOR      |                   | C0307    | NCB31CK-104X | C CAPACITOR    | 0.1uF 16V K       |
| Q0203    | 2SC3928A/QR/-X | TRANSISTOR      |                   | C0309    | NCB11AK-106X | C CAPACITOR    | 10uF 10V K        |
| Q0204    | 2SA1022/BC/-X  | TRANSISTOR      |                   | C0310    | NCB11AK-106X | C CAPACITOR    | 10uF 10V K        |
| Q0206    | 2SC3928A/QR/-X | TRANSISTOR      |                   | C0311    | NDC31HJ-820X | C CAPACITOR    | 82pF 50V J        |
| Q0207    | 2SA1530A/QR/-X | TRANSISTOR      |                   | C0312    | NDC31HJ-820X | C CAPACITOR    | 82pF 50V J        |
| Q0208    | 2SC3928A/QR/-X | TRANSISTOR      |                   | C0313    | NCB11AK-106X | C CAPACITOR    | 10uF 10V K        |
| Q0209    | HN1C01F/Y/-X   | PAIR TRANSISTOR |                   | C0314    | NCB31CK-104X | C CAPACITOR    | 0.1uF 16V K       |
| Q0210    | HN1C01F/Y/-X   | PAIR TRANSISTOR |                   | C0315    | NCB31CK-104X | C CAPACITOR    | 0.1uF 16V K       |
| Q0301    | 2SC3837K/NP/-X | TRANSISTOR      |                   | C0317    | NDC31HJ-560X | C CAPACITOR    | 56pF 50V J        |
| Q0302    | 2SA1022/BC/-X  | TRANSISTOR      |                   | C0319    | NDC31HJ-470X | C CAPACITOR    | 47pF 50V J        |
| Q0303    | 2SC3928A/QR/-X | TRANSISTOR      |                   | C0401    | NCB31CK-104X | C CAPACITOR    | 0.1uF 16V K       |
| Q0304    | 2SA1022/BC/-X  | TRANSISTOR      |                   | C0501    | NRSA63J-102X | MG RESISTOR    | 1kΩ 1/16W J       |
| Q0306    | 2SC3928A/QR/-X | TRANSISTOR      |                   | C0502    | NRSA63J-102X | MG RESISTOR    | 1kΩ 1/16W J       |
| Q0307    | 2SA1530A/QR/-X | TRANSISTOR      |                   | C0504    | NRSA63J-102X | MG RESISTOR    | 1kΩ 1/16W J       |
| Q0308    | 2SC3928A/QR/-X | TRANSISTOR      |                   | C0506    | NRSA63J-332X | MG RESISTOR    | 3.3kΩ 1/16W J     |
| Q0309    | HN1C01F/Y/-X   | PAIR TRANSISTOR |                   | C0507    | NRSA63J-102X | MG RESISTOR    | 1kΩ 1/16W J       |
| Q0310    | HN1C01F/Y/-X   | PAIR TRANSISTOR |                   | C0508    | NRSA63J-102X | MG RESISTOR    | 1kΩ 1/16W J       |
| Q0311    | 2SC3928A/QR/-X | TRANSISTOR      |                   | C0511    | NDC31HJ-100X | C CAPACITOR    | 10pF 50V J        |
| Q1001    | UN2213-X       | DIGI TRANSISTOR |                   | C0512    | NDC31HJ-100X | C CAPACITOR    | 10pF 50V J        |
| Q1003    | 2SC3928A/QR/-X | TRANSISTOR      |                   | C0513    | NDC31HJ-100X | C CAPACITOR    | 10pF 50V J        |
| Q1004    | 2SC3928A/QR/-X | TRANSISTOR      |                   | C0514    | NDC31HJ-100X | C CAPACITOR    | 10pF 50V J        |
| Q1005    | 2SK1228-X      | MOS FET         |                   | C0515    | NRSA63J-222X | MG RESISTOR    | 2.2kΩ 1/16W J     |
| Q1006    | 2SK1228-X      | MOS FET         |                   | C0516    | NDC31HJ-100X | C CAPACITOR    | 10pF 50V J        |
| Q1101    | 2SC3928A/QR/-X | TRANSISTOR      |                   | C0517    | NDC31HJ-100X | C CAPACITOR    | 10pF 50V J        |
| Q1103    | 2SA1530A/QR/-X | TRANSISTOR      |                   | C0518    | NDC31HJ-100X | C CAPACITOR    | 10pF 50V J        |
| Q1201    | 2SC3928A/QR/-X | TRANSISTOR      |                   | C0519    | NDC31HJ-560X | C CAPACITOR    | 56pF 50V J        |
| Q1203    | 2SA1530A/QR/-X | TRANSISTOR      |                   | C0520    | NDC31HJ-100X | C CAPACITOR    | 10pF 50V J        |
| Q1301    | 2SC3928A/QR/-X | TRANSISTOR      |                   | C1001    | NCB30JK-225X | C CAPACITOR    | 2.2uF 6.3V K      |
| Q1303    | 2SA1530A/QR/-X | TRANSISTOR      |                   | C1002    | NEHM1CM-476X | E CAPACITOR    | 47uF 16V M        |
| Q1401    | 2SC3928A/QR/-X | TRANSISTOR      |                   | C1004    | NCB31CK-103X | C CAPACITOR    | 0.01uF 16V K      |
| Q1403    | 2SA1530A/QR/-X | TRANSISTOR      |                   | C1005    | NCB31HK-152X | C CAPACITOR    | 1500pF 50V K      |
| Q3001    | 2SC3928A/QR/-X | TRANSISTOR      |                   | C1006    | NCB30JK-225X | C CAPACITOR    | 2.2uF 6.3V K      |
| Q3002    | 2SA1530A/QR/-X | TRANSISTOR      |                   | C1009    | NDC31HJ-220X | C CAPACITOR    | 22pF 50V J        |
| Q3003    | 2SC3928A/QR/-X | TRANSISTOR      |                   | C1010    | NDC31HJ-180X | C CAPACITOR    | 18pF 50V J        |
| Q3004    | 2SA1530A/QR/-X | TRANSISTOR      |                   | C1011    | NDC31HJ-102X | C CAPACITOR    | 1000pF 50V J      |
| Q7206    | UN2213-X       | DIGI TRANSISTOR |                   | C1012    | NCB31CK-103X | C CAPACITOR    | 0.01uF 16V K      |
| Q7207    | UN2113-X       | DIGI TRANSISTOR |                   | C1013    | NCB31CK-103X | C CAPACITOR    | 0.01uF 16V K      |
| D1001    | EC30HA03L-X    | SB DIODE        |                   | C1014    | NCB31CK-103X | C CAPACITOR    | 0.01uF 16V K      |
| D1002    | EC30HA03L-X    | SB DIODE        |                   | C1015    | NCB31CK-103X | C CAPACITOR    | 0.01uF 16V K      |
| D2101    | MA111-X        | SI DIODE        |                   | C1016    | NCB11AK-106X | C CAPACITOR    | 10uF 10V K        |
| D2103    | MA111-X        | SI DIODE        |                   | C1017    | NCB31CK-103X | C CAPACITOR    | 0.01uF 16V K      |
| D7001    | MA111-X        | SI DIODE        |                   | C1018    | NCB31CK-103X | C CAPACITOR    | 0.01uF 16V K      |
| D7002    | MA8051M/-X     | Z DIODE         |                   | C1019    | NCB30JK-225X | C CAPACITOR    | 2.2uF 6.3V K      |
| D7003    | MA111-X        | SI DIODE        |                   | C1021    | NCB30JK-225X | C CAPACITOR    | 2.2uF 6.3V K      |
| D7005    | MA8082M/-X     | Z DIODE         |                   | C1023    | NCB31CK-103X | C CAPACITOR    | 0.01uF 16V K      |
| D7006    | MA8082M/-X     | Z DIODE         |                   | C1025    | NCB30JK-225X | C CAPACITOR    | 2.2uF 6.3V K      |
| D7007    | MA8082M/-X     | Z DIODE         |                   | C1026    | NCB30JK-225X | C CAPACITOR    | 2.2uF 6.3V K      |
| D7008    | MA8082M/-X     | Z DIODE         |                   | C1028    | NCB31CK-103X | C CAPACITOR    | 0.01uF 16V K      |
| D7009    | MA8082M/-X     | Z DIODE         |                   | C1029    | NCB31CK-103X | C CAPACITOR    | 0.01uF 16V K      |
| D7203    | MA111-X        | SI DIODE        |                   | C1030    | NCB31CK-103X | C CAPACITOR    | 0.01uF 16V K      |
| D7204    | MA111-X        | SI DIODE        |                   | C1031    | NCB31CK-103X | C CAPACITOR    | 0.01uF 16V K      |
| D7601    | MA111-X        | SI DIODE        |                   | C1032    | NCB31CK-103X | C CAPACITOR    | 0.01uF 16V K      |
| D9201    | EC30HA03L-X    | SB DIODE        |                   | C1033    | NCB31CK-103X | C CAPACITOR    | 0.01uF 16V K      |
| D9203    | PTZ3.9B-X      | Z DIODE         |                   | C1035    | NDC31HJ-680X | C CAPACITOR    | 68pF 50V J        |
| D9204    | 1SS355-X       | SI DIODE        |                   | C1037    | NCB31CK-104X | C CAPACITOR    | 0.1uF 16V K       |
| C0104    | NDC31HJ-390X   | C CAPACITOR     | 39pF 50V J        | C1038    | NCB31CK-103X | C CAPACITOR    | 0.01uF 16V K      |
| C0105    | NDC31HJ-330X   | C CAPACITOR     | 33pF 50V J        | C1039    | NCB31CK-103X | C CAPACITOR    | 0.01uF 16V K      |
| C0107    | NCB31CK-104X   | C CAPACITOR     | 0.1uF 16V K       | C1040    | NCB31CK-103X | C CAPACITOR    | 0.01uF 16V K      |
| C0109    | NCB11AK-106X   | C CAPACITOR     | 10uF 10V K        | C1041    | NCB10JK-106X | C CAPACITOR    | 10uF 6.3V K       |
| C0110    | NCB11AK-106X   | C CAPACITOR     | 10uF 10V K        | C1042    | NCB31CK-104X | C CAPACITOR    | 0.1uF 16V K       |
| C0111    | NDC31HJ-820X   | C CAPACITOR     | 82pF 50V J        | C1043    | NCB31CK-103X | C CAPACITOR    | 0.01uF 16V K      |
| C0112    | NDC31HJ-820X   | C CAPACITOR     | 82pF 50V J        | C1045    | NCB31CK-104X | C CAPACITOR    | 0.1uF 16V K       |
| C0113    | NCB11AK-106X   | C CAPACITOR     | 10uF 10V K        | C1046    | NCB31CK-103X | C CAPACITOR    | 0.01uF 16V K      |
| C0114    | NCB31CK-104X   | C CAPACITOR     | 0.1uF 16V K       | C1047    | NCB31CK-103X | C CAPACITOR    | 0.01uF 16V K      |
| C0115    | NCB31CK-104X   | C CAPACITOR     | 0.1uF 16V K       | C1048    | NCB30JK-105X | C CAPACITOR    | 1uF 6.3V K        |
| C0116    | NCB11AK-106X   | C CAPACITOR     | 10uF 10V K        | C1049    | NCB31CK-103X | C CAPACITOR    | 0.01uF 16V K      |
| C0117    | NDC31HJ-560X   | C CAPACITOR     | 56pF 50V J        | C1050    | NCB30JK-105X | C CAPACITOR    | 1uF 6.3V K        |
| C0119    | NDC31HJ-470X   | C CAPACITOR     | 47pF 50V J        | C1051    | NCB30JK-105X | C CAPACITOR    | 1uF 6.3V K        |
| C0204    | NDC31HJ-390X   | C CAPACITOR     | 39pF 50V J        | C1061    | NDC31HJ-4R0X | C CAPACITOR    | 4pF 50V J         |
|          |                |                 |                   | C1062    | NBE40JM-476X | TA E CAPACITOR | 47uF 6.3V M       |
|          |                |                 |                   | C1063    | NCB21AK-225X | C CAPACITOR    | 2.2uF 10V K       |
|          |                |                 |                   | C1064    | NCB31CK-103X | C CAPACITOR    | 0.01uF 16V K      |

| △Ref No. | Part No.       | Part Name      | Description Local | △Ref No. | Part No.       | Part Name      | Description Local |
|----------|----------------|----------------|-------------------|----------|----------------|----------------|-------------------|
| C1065    | NCB30JK-105X   | C CAPACITOR    | 1uF 6.3V K        | C3047    | NCB31CK-104X   | C CAPACITOR    | 0.1uF 16V K       |
| C1066    | NBE40JM-476X   | TA E CAPACITOR | 47uF 6.3V M       | C3049    | NCB31CK-104X   | C CAPACITOR    | 0.1uF 16V K       |
| C1067    | NCB30JK-105X   | C CAPACITOR    | 1uF 6.3V K        | C3051    | NCB31HK-472X   | C CAPACITOR    | 4700pF 50V K      |
| C1068    | NBE40JM-476X   | TA E CAPACITOR | 47uF 6.3V M       | C3052    | NCB31AK-334X   | C CAPACITOR    | 0.33uF 10V K      |
| C1069    | NCB21AK-225X   | C CAPACITOR    | 2.2uF 10V K       | C3056    | NCB31AK-334X   | C CAPACITOR    | 0.33uF 10V K      |
| C1071    | NBE20GM-106X   | TA E CAPACITOR | 10uF 4V M         | C3059    | NCB31HK-223X   | C CAPACITOR    | 0.022uF 50V K     |
| C1072    | NBE20GM-106X   | TA E CAPACITOR | 10uF 4V M         | C3060    | NCB31HK-152X   | C CAPACITOR    | 1500pF 50V K      |
| C1073    | NBE40JM-476X   | TA E CAPACITOR | 47uF 6.3V M       | C3063    | NCB31CK-104X   | C CAPACITOR    | 0.1uF 16V K       |
| C1074    | NBE40JM-476X   | TA E CAPACITOR | 47uF 6.3V M       | C3065    | NCB31CK-104X   | C CAPACITOR    | 0.1uF 16V K       |
| C1075    | NBE40JM-476X   | TA E CAPACITOR | 47uF 6.3V M       | C3066    | NCB31CK-104X   | C CAPACITOR    | 0.1uF 16V K       |
| C1076    | NBE20GM-106X   | TA E CAPACITOR | 10uF 4V M         | C3067    | NCB31CK-104X   | C CAPACITOR    | 0.1uF 16V K       |
| C1077    | NEHM1CM-476X   | E CAPACITOR    | 47uF 16V M        | C3068    | NCB31CK-104X   | C CAPACITOR    | 0.1uF 16V K       |
| C1081    | NCB31CK-103X   | C CAPACITOR    | 0.01uF 16V K      | C3069    | NCB31CK-104X   | C CAPACITOR    | 0.1uF 16V K       |
| C1082    | NCB31CK-103X   | C CAPACITOR    | 0.01uF 16V K      | C3070    | NCB31CK-104X   | C CAPACITOR    | 0.1uF 16V K       |
| C1083    | NCB31CK-103X   | C CAPACITOR    | 0.01uF 16V K      | C3071    | NCB31CK-104X   | C CAPACITOR    | 0.1uF 16V K       |
| C1084    | NCB31CK-103X   | C CAPACITOR    | 0.01uF 16V K      | C3072    | NCB31CK-104X   | C CAPACITOR    | 0.1uF 16V K       |
| C1085    | NCB31CK-103X   | C CAPACITOR    | 0.01uF 16V K      | C3074    | NCB31CK-104X   | C CAPACITOR    | 0.1uF 16V K       |
| C1086    | NCB31CK-103X   | C CAPACITOR    | 0.01uF 16V K      | C3075    | NCB31CK-104X   | C CAPACITOR    | 0.1uF 16V K       |
| C1087    | NCB31CK-103X   | C CAPACITOR    | 0.01uF 16V K      | C3076    | NCB31CK-104X   | C CAPACITOR    | 0.1uF 16V K       |
| C1102    | NDC31HJ-330X   | C CAPACITOR    | 33pF 50V J        | C3097    | NCB30JK-225X   | C CAPACITOR    | 2.2uF 6.3V K      |
| C1103    | NDC31HJ-680X   | C CAPACITOR    | 68pF 50V J        | C3101    | NCB30JK-225X   | C CAPACITOR    | 2.2uF 6.3V K      |
| C1104    | NDC31HJ-560X   | C CAPACITOR    | 56pF 50V J        | C3105    | NCB30JK-225X   | C CAPACITOR    | 2.2uF 6.3V K      |
| C1105    | NCF11CZ-475X   | C CAPACITOR    | 4.7uF 16V Z       | C3107    | NCB31CK-103X   | C CAPACITOR    | 0.01uF 16V K      |
| C1106    | NCB31CK-104X   | C CAPACITOR    | 0.1uF 16V K       | C3109    | NCB31CK-103X   | C CAPACITOR    | 0.01uF 16V K      |
| C1107    | NDC31HJ-560X   | C CAPACITOR    | 56pF 50V J        | C3111    | NCB31CK-104X   | C CAPACITOR    | 0.1uF 16V K       |
| C1109    | NDC31HJ-151X   | C CAPACITOR    | 150pF 50V J       | C3121    | NCB31AK-105X   | C CAPACITOR    | 1uF 10V K         |
| C1111    | NDC31HJ-270X   | C CAPACITOR    | 27pF 50V J        | C3122    | NCB31AK-105X   | C CAPACITOR    | 1uF 10V K         |
| C1202    | NDC31HJ-330X   | C CAPACITOR    | 33pF 50V J        | C3123    | NCB31AK-105X   | C CAPACITOR    | 1uF 10V K         |
| C1203    | NDC31HJ-330X   | C CAPACITOR    | 33pF 50V J        | C3124    | NCB31AK-105X   | C CAPACITOR    | 1uF 10V K         |
| C1204    | NDC31HJ-560X   | C CAPACITOR    | 56pF 50V J        | C3125    | NCB31AK-105X   | C CAPACITOR    | 1uF 10V K         |
| C1205    | NCF11CZ-475X   | C CAPACITOR    | 4.7uF 16V Z       | C3406    | NCB31HK-102X   | C CAPACITOR    | 1000pF 50V K      |
| C1206    | NCB31CK-104X   | C CAPACITOR    | 0.1uF 16V K       | C3501    | NCF31CZ-474X   | C CAPACITOR    | 0.47uF 16V Z      |
| C1209    | NDC31HJ-151X   | C CAPACITOR    | 150pF 50V J       | C3502    | NDC31HJ-100X   | C CAPACITOR    | 10pF 50V J        |
| C1302    | NDC31HJ-101X   | C CAPACITOR    | 100pF 50V J       | C3503    | NCF31CZ-474X   | C CAPACITOR    | 0.47uF 16V Z      |
| C1303    | NDC31HJ-330X   | C CAPACITOR    | 33pF 50V J        | C3506    | NCB30JK-225X   | C CAPACITOR    | 2.2uF 6.3V K      |
| C1304    | NDC31HJ-151X   | C CAPACITOR    | 150pF 50V J       | C3507    | NCF31CZ-474X   | C CAPACITOR    | 0.47uF 16V Z      |
| C1305    | NCF11CZ-475X   | C CAPACITOR    | 4.7uF 16V Z       | C3508    | NCF31CZ-474X   | C CAPACITOR    | 0.47uF 16V Z      |
| C1306    | NCB31CK-104X   | C CAPACITOR    | 0.1uF 16V K       | C3509    | NCB30JK-225X   | C CAPACITOR    | 2.2uF 6.3V K      |
| C1309    | NDC31HJ-151X   | C CAPACITOR    | 150pF 50V J       | C3510    | NDC31HJ-100X   | C CAPACITOR    | 10pF 50V J        |
| C1311    | NDC31HJ-470X   | C CAPACITOR    | 47pF 50V J        | C3511    | NCF31CZ-474X   | C CAPACITOR    | 0.47uF 16V Z      |
| C1402    | NDC31HJ-101X   | C CAPACITOR    | 100pF 50V J       | C3512    | NDC31HJ-100X   | C CAPACITOR    | 10pF 50V J        |
| C1403    | NDC31HJ-330X   | C CAPACITOR    | 33pF 50V J        | C3513    | NDC31HJ-100X   | C CAPACITOR    | 10pF 50V J        |
| C1404    | NDC31HJ-151X   | C CAPACITOR    | 150pF 50V J       | C3514    | NDC31HJ-100X   | C CAPACITOR    | 10pF 50V J        |
| C1405    | NCF11CZ-475X   | C CAPACITOR    | 4.7uF 16V Z       | C3515    | NCB31CK-104X   | C CAPACITOR    | 0.1uF 16V K       |
| C1406    | NCB31CK-104X   | C CAPACITOR    | 0.1uF 16V K       | C3516    | NCF31CZ-474X   | C CAPACITOR    | 0.47uF 16V Z      |
| C1409    | NDC31HJ-151X   | C CAPACITOR    | 150pF 50V J       | C3517    | NCF31CZ-474X   | C CAPACITOR    | 0.47uF 16V Z      |
| C1411    | NDC31HJ-470X   | C CAPACITOR    | 47pF 50V J        | C3518    | NCB31CK-104X   | C CAPACITOR    | 0.1uF 16V K       |
| C1502    | NCJ41EK-106X-U | C CAPACITOR    | 10mF 25V K        | C3519    | NCB31CK-104X   | C CAPACITOR    | 0.1uF 16V K       |
| C1508    | NCF11CZ-475X   | C CAPACITOR    | 4.7uF 16V Z       | C3524    | NCB31CK-104X   | C CAPACITOR    | 0.1uF 16V K       |
| C1509    | NCB31CK-103X   | C CAPACITOR    | 0.01uF 16V K      | C3525    | NDC31HJ-100X   | C CAPACITOR    | 10pF 50V J        |
| C1511    | NRSA63J-105X   | MG RESISTOR    | 1MΩ 1/16W J       | C3526    | NDC31HJ-100X   | C CAPACITOR    | 10pF 50V J        |
| C1548    | NCB31CK-104X   | C CAPACITOR    | 0.1uF 16V K       | C3527    | NCF31CZ-474X   | C CAPACITOR    | 0.47uF 16V Z      |
| C1549    | NCB31CK-104X   | C CAPACITOR    | 0.1uF 16V K       | C3530    | NCB31CK-104X   | C CAPACITOR    | 0.1uF 16V K       |
| C2001    | NCB31CK-104X   | C CAPACITOR    | 0.1uF 16V K       | C3531    | NCB31CK-104X   | C CAPACITOR    | 0.1uF 16V K       |
| C2003    | NCB31CK-104X   | C CAPACITOR    | 0.1uF 16V K       | C3532    | NCB30JK-225X   | C CAPACITOR    | 2.2uF 6.3V K      |
| C2004    | NCB31CK-104X   | C CAPACITOR    | 0.1uF 16V K       | C3533    | NCB30JK-225X   | C CAPACITOR    | 2.2uF 6.3V K      |
| C2012    | NCB31CK-104X   | C CAPACITOR    | 0.1uF 16V K       | C3534    | NDC31HJ-100X   | C CAPACITOR    | 10pF 50V J        |
| C2013    | NCB31CK-104X   | C CAPACITOR    | 0.1uF 16V K       | C3535    | NCF31CZ-474X   | C CAPACITOR    | 0.47uF 16V Z      |
| C2031    | NCB31CK-104X   | C CAPACITOR    | 0.1uF 16V K       | C3536    | NDC31HJ-100X   | C CAPACITOR    | 10pF 50V J        |
| C2036    | NDC31HJ-100X   | C CAPACITOR    | 10pF 50V J        | C3537    | NDC31HJ-100X   | C CAPACITOR    | 10pF 50V J        |
| C2101    | NCB21HK-104X   | C CAPACITOR    | 0.1uF 50V K       | C3538    | NDC31HJ-100X   | C CAPACITOR    | 10pF 50V J        |
| C2102    | NCJ41CK-226X-U | C CAPACITOR    | 22mF 16V K        | C3539    | NCF31CZ-474X   | C CAPACITOR    | 0.47uF 16V Z      |
| C3004    | NCB31CK-104X   | C CAPACITOR    | 0.1uF 16V K       | C3540    | NCF31CZ-474X   | C CAPACITOR    | 0.47uF 16V Z      |
| C3005    | NCB31CK-104X   | C CAPACITOR    | 0.1uF 16V K       | C3541    | NDC31HJ-100X   | C CAPACITOR    | 10pF 50V J        |
| C3006    | NCB31CK-104X   | C CAPACITOR    | 0.1uF 16V K       | C3542    | NCF31CZ-474X   | C CAPACITOR    | 0.47uF 16V Z      |
| C3007    | NCB31CK-104X   | C CAPACITOR    | 0.1uF 16V K       | C3543    | NCB31CK-104X   | C CAPACITOR    | 0.1uF 16V K       |
| C3008    | NCB31CK-104X   | C CAPACITOR    | 0.1uF 16V K       | C3545    | NDC31HJ-100X   | C CAPACITOR    | 10pF 50V J        |
| C3010    | NCB31CK-104X   | C CAPACITOR    | 0.1uF 16V K       | C3548    | NCB31CK-104X   | C CAPACITOR    | 0.1uF 16V K       |
| C3016    | NCB31CK-104X   | C CAPACITOR    | 0.1uF 16V K       | C3549    | NBZ0007-107X   | SP E CAPACITOR | 100uF 4V M        |
| C3018    | NCB31CK-104X   | C CAPACITOR    | 0.1uF 16V K       | C3550    | NCB31CK-104X   | C CAPACITOR    | 0.1uF 16V K       |
| C3019    | NCB31CK-104X   | C CAPACITOR    | 0.1uF 16V K       | C3551    | NBZ0007-107X   | SP E CAPACITOR | 100uF 4V M        |
| C3021    | NCB31CK-104X   | C CAPACITOR    | 0.1uF 16V K       | C3552    | NCB31CK-104X   | C CAPACITOR    | 0.1uF 16V K       |
| C3022    | NBZ0007-107X   | SP E CAPACITOR | 100uF 4V M        | C3554    | NCJ41CK-226X-U | C CAPACITOR    | 22mF 16V K        |
| C3023    | NCB31CK-104X   | C CAPACITOR    | 0.1uF 16V K       | C3555    | NCJ41CK-226X-U | C CAPACITOR    | 22mF 16V K        |
| C3025    | NCB30JK-105X   | C CAPACITOR    | 1uF 6.3V K        | C4002    | NCB31CK-104X   | C CAPACITOR    | 0.1uF 16V K       |
| C3026    | NCB30JK-225X   | C CAPACITOR    | 2.2uF 6.3V K      | C4003    | NCB31CK-104X   | C CAPACITOR    | 0.1uF 16V K       |
| C3028    | NDC31HJ-221X   | C CAPACITOR    | 220pF 50V J       | C4005    | NCB31AK-105X   | C CAPACITOR    | 1uF 10V K         |
| C3030    | NCB31CK-104X   | C CAPACITOR    | 0.1uF 16V K       | C4006    | NCB31AK-105X   | C CAPACITOR    | 1uF 10V K         |
| C3031    | NCB31CK-104X   | C CAPACITOR    | 0.1uF 16V K       | C4008    | NCF11CZ-475X   | C CAPACITOR    | 4.7uF 16V Z       |
| C3032    | NCB31CK-104X   | C CAPACITOR    | 0.1uF 16V K       | C4009    | NCB31AK-105X   | C CAPACITOR    | 1uF 10V K         |
| C3037    | NCB30JK-225X   | C CAPACITOR    | 2.2uF 6.3V K      | C4010    | NCB31AK-105X   | C CAPACITOR    | 1uF 10V K         |
| C3040    | NCB31CK-104X   | C CAPACITOR    | 0.1uF 16V K       | C4011    | NCF11CZ-475X   | C CAPACITOR    | 4.7uF 16V Z       |
| C3041    | NDC31HJ-101X   | C CAPACITOR    | 100pF 50V J       | C4012    | NCB31AK-105X   | C CAPACITOR    | 1uF 10V K         |
| C3042    | NCB31CK-104X   | C CAPACITOR    | 0.1uF 16V K       | C4013    | NCB31AK-105X   | C CAPACITOR    | 1uF 10V K         |
| C3043    | NDC31HJ-101X   | C CAPACITOR    | 100pF 50V J       | C4016    | NCB31AK-105X   | C CAPACITOR    | 1uF 10V K         |
| C3044    | NCB31CK-104X   | C CAPACITOR    | 0.1uF 16V K       | C4020    | NCB31AK-105X   | C CAPACITOR    | 1uF 10V K         |
| C3045    | NCB31CK-104X   | C CAPACITOR    | 0.1uF 16V K       | C4022    | NCB31CK-104X   | C CAPACITOR    | 0.1uF 16V K       |

| △Ref No. | Part No.       | Part Name   | Description Local | △Ref No. | Part No.       | Part Name   | Description Local |
|----------|----------------|-------------|-------------------|----------|----------------|-------------|-------------------|
| C4023    | NCB31CK-104X   | C CAPACITOR | 0.1uF 16V K       | C9208    | NCJ41CK-226X-U | C CAPACITOR | 22mF 16V K        |
| C4029    | NDC31HJ-470X   | C CAPACITOR | 47pF 50V J        | C9210    | NCJ41CK-226X-U | C CAPACITOR | 22mF 16V K        |
| C4030    | NDC31HJ-470X   | C CAPACITOR | 47pF 50V J        | C9211    | NCB31HK-153X   | C CAPACITOR | 0.015uF 50V K     |
| C4906    | NCB31CK-104X   | C CAPACITOR | 0.1uF 16V K       | C9212    | NCB31HK-122X   | C CAPACITOR | 1200pF 50V K      |
| C4908    | NCB31CK-104X   | C CAPACITOR | 0.1uF 16V K       |          |                |             |                   |
| C4916    | NCB31CK-104X   | C CAPACITOR | 0.1uF 16V K       | R0105    | NRSA63J-101X   | MG RESISTOR | 100Ω 1/16W J      |
| C4920    | NCB31CK-104X   | C CAPACITOR | 0.1uF 16V K       | R0106    | NRSA63J-331X   | MG RESISTOR | 330Ω 1/16W J      |
| C4925    | NCB31CK-104X   | C CAPACITOR | 0.1uF 16V K       | R0107    | NRSA63J-331X   | MG RESISTOR | 330Ω 1/16W J      |
| C4926    | NCF31AZ-105X   | C CAPACITOR | 1uF 10V Z         | R0109    | NRSA63J-221X   | MG RESISTOR | 220Ω 1/16W J      |
| C4932    | NCB31CK-104X   | C CAPACITOR | 0.1uF 16V K       | R0110    | NRSA63J-101X   | MG RESISTOR | 100Ω 1/16W J      |
| C4933    | NCB31CK-104X   | C CAPACITOR | 0.1uF 16V K       | R0116    | NRSA63J-101X   | MG RESISTOR | 100Ω 1/16W J      |
| C4935    | NCB31CK-104X   | C CAPACITOR | 0.1uF 16V K       | R0119    | NRSA63J-271X   | MG RESISTOR | 270Ω 1/16W J      |
| C4951    | NCB31CK-104X   | C CAPACITOR | 0.1uF 16V K       | R0121    | NRSA63J-101X   | MG RESISTOR | 100Ω 1/16W J      |
| C4952    | NCB31CK-104X   | C CAPACITOR | 0.1uF 16V K       | R0122    | NRSA63J-102X   | MG RESISTOR | 1kΩ 1/16W J       |
| C4953    | NCB31CK-104X   | C CAPACITOR | 0.1uF 16V K       | R0125    | NRSA63J-222X   | MG RESISTOR | 2.2kΩ 1/16W J     |
| C4956    | NCB31CK-104X   | C CAPACITOR | 0.1uF 16V K       | R0126    | NRSA63J-103X   | MG RESISTOR | 10kΩ 1/16W J      |
| C4957    | NCB31CK-104X   | C CAPACITOR | 0.1uF 16V K       | R0127    | NRSA63J-0R0X   | MG RESISTOR | 0Ω 1/16W J        |
| C4958    | NCB31CK-104X   | C CAPACITOR | 0.1uF 16V K       | R0128    | NRSA63J-102X   | MG RESISTOR | 1kΩ 1/16W J       |
| C4959    | NCB31CK-104X   | C CAPACITOR | 0.1uF 16V K       | R0129    | NRSA63J-103X   | MG RESISTOR | 10kΩ 1/16W J      |
| C4961    | NCB31CK-104X   | C CAPACITOR | 0.1uF 16V K       | R0131    | NRSA63J-472X   | MG RESISTOR | 4.7kΩ 1/16W J     |
| C4965    | NCB31CK-104X   | C CAPACITOR | 0.1uF 16V K       | R0132    | NRSA63J-472X   | MG RESISTOR | 4.7kΩ 1/16W J     |
| C4966    | NCB31CK-104X   | C CAPACITOR | 0.1uF 16V K       | R0133    | NRSA63J-0R0X   | MG RESISTOR | 0Ω 1/16W J        |
| C4976    | NCB31CK-104X   | C CAPACITOR | 0.1uF 16V K       | R0134    | NRSA63J-472X   | MG RESISTOR | 4.7kΩ 1/16W J     |
| C4977    | NCB31CK-104X   | C CAPACITOR | 0.1uF 16V K       | R0137    | NRSA63J-151X   | MG RESISTOR | 150Ω 1/16W J      |
| C4979    | NCB31CK-104X   | C CAPACITOR | 0.1uF 16V K       | R0138    | NRSA63J-0R0X   | MG RESISTOR | 0Ω 1/16W J        |
| C4980    | NCB31CK-104X   | C CAPACITOR | 0.1uF 16V K       | R0140    | NRSA63J-182X   | MG RESISTOR | 1.8kΩ 1/16W J     |
| C4981    | NCB31CK-104X   | C CAPACITOR | 0.1uF 16V K       | R0141    | NRSA63J-472X   | MG RESISTOR | 4.7kΩ 1/16W J     |
| C4984    | NCB31CK-104X   | C CAPACITOR | 0.1uF 16V K       | R0205    | NRSA63J-101X   | MG RESISTOR | 100Ω 1/16W J      |
| C4986    | NCB31CK-104X   | C CAPACITOR | 0.1uF 16V K       | R0206    | NRSA63J-331X   | MG RESISTOR | 330Ω 1/16W J      |
| C4987    | NCB31CK-104X   | C CAPACITOR | 0.1uF 16V K       | R0207    | NRSA63J-331X   | MG RESISTOR | 330Ω 1/16W J      |
| C4989    | NCB31CK-104X   | C CAPACITOR | 0.1uF 16V K       | R0208    | NRSA63J-681X   | MG RESISTOR | 680Ω 1/16W J      |
| C4990    | NCB31CK-104X   | C CAPACITOR | 0.1uF 16V K       | R0209    | NRSA63J-221X   | MG RESISTOR | 220Ω 1/16W J      |
| C4992    | NCB31CK-104X   | C CAPACITOR | 0.1uF 16V K       | R0210    | NRSA63J-101X   | MG RESISTOR | 100Ω 1/16W J      |
| C4994    | NCB31CK-104X   | C CAPACITOR | 0.1uF 16V K       | R0211    | NRSA63J-472X   | MG RESISTOR | 4.7kΩ 1/16W J     |
| C6108    | NCB31CK-104X   | C CAPACITOR | 0.1uF 16V K       | R0216    | NRSA63J-101X   | MG RESISTOR | 100Ω 1/16W J      |
| C6114    | NRSA63J-103X   | MG RESISTOR | 10kΩ 1/16W J      | R0219    | NRSA63J-271X   | MG RESISTOR | 270Ω 1/16W J      |
| C6120    | NCB31CK-104X   | C CAPACITOR | 0.1uF 16V K       | R0221    | NRSA63J-101X   | MG RESISTOR | 100Ω 1/16W J      |
| C6124    | NCB31CK-104X   | C CAPACITOR | 0.1uF 16V K       | R0222    | NRSA63J-102X   | MG RESISTOR | 1kΩ 1/16W J       |
| C6512    | NCB31CK-104X   | C CAPACITOR | 0.1uF 16V K       | R0225    | NRSA63J-222X   | MG RESISTOR | 2.2kΩ 1/16W J     |
| C6513    | NCB31CK-104X   | C CAPACITOR | 0.1uF 16V K       | R0226    | NRSA63J-472X   | MG RESISTOR | 4.7kΩ 1/16W J     |
| C6514    | NCB31CK-104X   | C CAPACITOR | 0.1uF 16V K       | R0227    | NRSA63J-181X   | MG RESISTOR | 180Ω 1/16W J      |
| C6515    | NCB31CK-104X   | C CAPACITOR | 0.1uF 16V K       | R0228    | NRSA63J-102X   | MG RESISTOR | 1kΩ 1/16W J       |
| C6516    | NCB31CK-104X   | C CAPACITOR | 0.1uF 16V K       | R0229    | NRSA63J-103X   | MG RESISTOR | 10kΩ 1/16W J      |
| C6523    | NCB11AK-106X   | C CAPACITOR | 10uF 10V K        | R0231    | NRSA63J-472X   | MG RESISTOR | 4.7kΩ 1/16W J     |
| C7001    | NCB31AK-105X   | C CAPACITOR | 1uF 10V K         | R0232    | NRSA63J-472X   | MG RESISTOR | 4.7kΩ 1/16W J     |
| C7002    | NCB31AK-105X   | C CAPACITOR | 1uF 10V K         | R0233    | NRSA63J-0R0X   | MG RESISTOR | 0Ω 1/16W J        |
| C7003    | NCF11CZ-475X   | C CAPACITOR | 4.7uF 16V Z       | R0234    | NRSA63J-472X   | MG RESISTOR | 4.7kΩ 1/16W J     |
| C7006    | NDC31HJ-150X   | C CAPACITOR | 15pF 50V J        | R0237    | NRSA63J-271X   | MG RESISTOR | 270Ω 1/16W J      |
| C7007    | NCB31AK-105X   | C CAPACITOR | 1uF 10V K         | R0238    | NRSA63J-0R0X   | MG RESISTOR | 0Ω 1/16W J        |
| C7012    | NCB31HK-153X   | C CAPACITOR | 0.015uF 50V K     | R0240    | NRSA63J-182X   | MG RESISTOR | 1.8kΩ 1/16W J     |
| C7017    | NDC31HJ-391X   | C CAPACITOR | 390pF 50V J       | R0241    | NRSA63J-472X   | MG RESISTOR | 4.7kΩ 1/16W J     |
| C7018    | NCB31AK-105X   | C CAPACITOR | 1uF 10V K         | R0242    | NRSA63J-472X   | MG RESISTOR | 4.7kΩ 1/16W J     |
| C7025    | NCB31CK-104X   | C CAPACITOR | 0.1uF 16V K       | R0243    | NRSA63J-103X   | MG RESISTOR | 10kΩ 1/16W J      |
| C7026    | NCB31CK-104X   | C CAPACITOR | 0.1uF 16V K       | R0305    | NRSA63J-101X   | MG RESISTOR | 100Ω 1/16W J      |
| C7203    | NCB31CK-104X   | C CAPACITOR | 0.1uF 16V K       | R0306    | NRSA63J-331X   | MG RESISTOR | 330Ω 1/16W J      |
| C7204    | NCB31AK-105X   | C CAPACITOR | 1uF 10V K         | R0307    | NRSA63J-331X   | MG RESISTOR | 330Ω 1/16W J      |
| C7401    | NCB31CK-104X   | C CAPACITOR | 0.1uF 16V K       | R0308    | NRSA63J-681X   | MG RESISTOR | 680Ω 1/16W J      |
| C7402    | NDC31HJ-101X   | C CAPACITOR | 100pF 50V J       | R0309    | NRSA63J-221X   | MG RESISTOR | 220Ω 1/16W J      |
| C7403    | NCB31CK-102X   | C CAPACITOR | 1000pF 16V K      | R0310    | NRSA63J-101X   | MG RESISTOR | 100Ω 1/16W J      |
| C7601    | NDC31HJ-102X   | C CAPACITOR | 1000pF 50V J      | R0311    | NRSA63J-472X   | MG RESISTOR | 4.7kΩ 1/16W J     |
| C7602    | NDC31HJ-221X   | C CAPACITOR | 220pF 50V J       | R0316    | NRSA63J-101X   | MG RESISTOR | 100Ω 1/16W J      |
| C7603    | NCB21AK-225X   | C CAPACITOR | 2.2uF 10V K       | R0319    | NRSA63J-271X   | MG RESISTOR | 270Ω 1/16W J      |
| C7607    | NCB31HK-102X   | C CAPACITOR | 1000pF 50V K      | R0321    | NRSA63J-101X   | MG RESISTOR | 100Ω 1/16W J      |
| C7608    | NCB31HK-221X   | C CAPACITOR | 220pF 50V K       | R0322    | NRSA63J-102X   | MG RESISTOR | 1kΩ 1/16W J       |
| C7609    | NCB21AK-225X   | C CAPACITOR | 2.2uF 10V K       | R0325    | NRSA63J-222X   | MG RESISTOR | 2.2kΩ 1/16W J     |
| C7610    | NCB31HK-681X   | C CAPACITOR | 680pF 50V K       | R0326    | NRSA63J-472X   | MG RESISTOR | 4.7kΩ 1/16W J     |
| C7611    | NCB31HK-681X   | C CAPACITOR | 680pF 50V K       | R0327    | NRSA63J-181X   | MG RESISTOR | 180Ω 1/16W J      |
| C7612    | NRSA63J-0R0X   | MG RESISTOR | 0Ω 1/16W J        | R0328    | NRSA63J-102X   | MG RESISTOR | 1kΩ 1/16W J       |
| C7613    | NRSA63J-0R0X   | MG RESISTOR | 0Ω 1/16W J        | R0329    | NRSA63J-103X   | MG RESISTOR | 10kΩ 1/16W J      |
| C7614    | NCB31CK-104X   | C CAPACITOR | 0.1uF 16V K       | R0331    | NRSA63J-472X   | MG RESISTOR | 4.7kΩ 1/16W J     |
| C7615    | NCB31CK-104X   | C CAPACITOR | 0.1uF 16V K       | R0332    | NRSA63J-472X   | MG RESISTOR | 4.7kΩ 1/16W J     |
| C7616    | NCB11CK-105X   | C CAPACITOR | 1uF 16V K         | R0333    | NRSA63J-0R0X   | MG RESISTOR | 0Ω 1/16W J        |
| C7617    | NCB31CK-104X   | C CAPACITOR | 0.1uF 16V K       | R0334    | NRSA63J-472X   | MG RESISTOR | 4.7kΩ 1/16W J     |
| C7618    | NCB11AK-106X   | C CAPACITOR | 10uF 10V K        | R0337    | NRSA63J-271X   | MG RESISTOR | 270Ω 1/16W J      |
| C7619    | NCF11CZ-475X   | C CAPACITOR | 4.7uF 16V Z       | R0338    | NRSA63J-0R0X   | MG RESISTOR | 0Ω 1/16W J        |
| C7621    | NCB11AK-106X   | C CAPACITOR | 10uF 10V K        | R0340    | NRSA63J-182X   | MG RESISTOR | 1.8kΩ 1/16W J     |
| C7622    | NCF11CZ-475X   | C CAPACITOR | 4.7uF 16V Z       | R0341    | NRSA63J-472X   | MG RESISTOR | 4.7kΩ 1/16W J     |
| C9001    | NEHM1CM-476X   | E CAPACITOR | 47uF 16V M        | R0342    | NRSA63J-472X   | MG RESISTOR | 4.7kΩ 1/16W J     |
| C9002    | NEHM1CM-476X   | E CAPACITOR | 47uF 16V M        | R0343    | NRSA63J-103X   | MG RESISTOR | 10kΩ 1/16W J      |
| C9003    | NEHM1CM-476X   | E CAPACITOR | 47uF 16V M        | R0344    | NRSA63J-472X   | MG RESISTOR | 4.7kΩ 1/16W J     |
| C9004    | NCB31HK-102X   | C CAPACITOR | 1000pF 50V K      | R0345    | NRSA63J-472X   | MG RESISTOR | 4.7kΩ 1/16W J     |
| C9005    | NCB31HK-102X   | C CAPACITOR | 1000pF 50V K      | R0528    | NRSA63J-0R0X   | MG RESISTOR | 0Ω 1/16W J        |
| C9006    | NEHL1HM-106X   | E CAPACITOR | 10uF 50V M        | R1001    | NRSA63J-274X   | MG RESISTOR | 270kΩ 1/16W J     |
| C9202    | NCJ41EK-106X-U | C CAPACITOR | 10mF 25V K        | R1002    | NRSA63D-101X   | MG RESISTOR | 100Ω 1/16W D      |
| C9204    | NCB31HK-103X   | C CAPACITOR | 0.01uF 50V K      | R1004    | NRSA63J-221X   | MG RESISTOR | 220Ω 1/16W J      |
| C9205    | NCJ41CK-226X-U | C CAPACITOR | 22mF 16V K        | R1005    | NRSA63J-103X   | MG RESISTOR | 10kΩ 1/16W J      |
| C9207    | NCB31HK-222X   | C CAPACITOR | 2200pF 50V K      | R1006    | NRSA63J-101X   | MG RESISTOR | 100Ω 1/16W J      |

| △Ref No. | Part No.     | Part Name   | Description Local | △Ref No. | Part No.     | Part Name   | Description Local |
|----------|--------------|-------------|-------------------|----------|--------------|-------------|-------------------|
| R1007    | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J      | R3036    | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J       |
| R1010    | NRSA63J-561X | MG RESISTOR | 560Ω 1/16W J      | R3037    | NRSA63J-220X | MG RESISTOR | 22Ω 1/16W J       |
| R1011    | NRSA63J-183X | MG RESISTOR | 18kΩ 1/16W J      | R3038    | NRSA63J-472X | MG RESISTOR | 4.7kΩ 1/16W J     |
| R1012    | NRSA63J-152X | MG RESISTOR | 1.5kΩ 1/16W J     | R3040    | NRSA63J-201X | MG RESISTOR | 200Ω 1/16W J      |
| R1013    | NRSA63J-122X | MG RESISTOR | 1.2kΩ 1/16W J     | R3041    | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J       |
| R1014    | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J      | R3042    | NRSA63J-201X | MG RESISTOR | 200Ω 1/16W J      |
| R1017    | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J      | R3043    | NRSA63J-562X | MG RESISTOR | 5.6kΩ 1/16W J     |
| R1018    | NRSA63J-332X | MG RESISTOR | 3.3kΩ 1/16W J     | R3044    | NRSA63J-821X | MG RESISTOR | 820Ω 1/16W J      |
| R1019    | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J        | R3047    | NRSA63J-562X | MG RESISTOR | 5.6kΩ 1/16W J     |
| R1021    | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J      | R3048    | NRSA63J-821X | MG RESISTOR | 820Ω 1/16W J      |
| R1022    | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J      | R3053    | NRSA63J-272X | MG RESISTOR | 2.7kΩ 1/16W J     |
| R1025    | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J      | R3054    | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J        |
| R1026    | NRSA63J-273X | MG RESISTOR | 27kΩ 1/16W J      | R3056    | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J        |
| R1028    | NRSA63J-273X | MG RESISTOR | 27kΩ 1/16W J      | R3063    | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J      |
| R1030    | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J      | R3064    | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J      |
| R1101    | NRSA63J-182X | MG RESISTOR | 1.8kΩ 1/16W J     | R3065    | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J      |
| R1102    | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J      | R3066    | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J      |
| R1104    | NRSA63J-332X | MG RESISTOR | 3.3kΩ 1/16W J     | R3069    | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J        |
| R1105    | NRSA63J-561X | MG RESISTOR | 560Ω 1/16W J      | R3070    | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J        |
| R1106    | NRSA63J-561X | MG RESISTOR | 560Ω 1/16W J      | R3071    | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J        |
| R1107    | NRSA63J-331X | MG RESISTOR | 330Ω 1/16W J      | R3072    | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J        |
| R1108    | NRSA63J-681X | MG RESISTOR | 680Ω 1/16W J      | R3089    | NRSA63J-220X | MG RESISTOR | 22Ω 1/16W J       |
| R1113    | NRSA63J-330X | MG RESISTOR | 33Ω 1/16W J       | R3090    | NRSA63J-220X | MG RESISTOR | 22Ω 1/16W J       |
| R1114    | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J        | R3091    | NRSA63J-220X | MG RESISTOR | 22Ω 1/16W J       |
| R1115    | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J        | R3092    | NRSA63J-220X | MG RESISTOR | 22Ω 1/16W J       |
| R1201    | NRSA63J-182X | MG RESISTOR | 1.8kΩ 1/16W J     | R3093    | NRSA63J-220X | MG RESISTOR | 22Ω 1/16W J       |
| R1203    | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J      | R3094    | NRSA63J-510X | MG RESISTOR | 51Ω 1/16W J       |
| R1204    | NRSA63J-332X | MG RESISTOR | 3.3kΩ 1/16W J     | R3095    | NRSA63J-510X | MG RESISTOR | 51Ω 1/16W J       |
| R1205    | NRSA63J-561X | MG RESISTOR | 560Ω 1/16W J      | R3096    | NRSA63J-510X | MG RESISTOR | 51Ω 1/16W J       |
| R1206    | NRSA63J-471X | MG RESISTOR | 470Ω 1/16W J      | R3097    | NRSA63J-510X | MG RESISTOR | 51Ω 1/16W J       |
| R1207    | NRSA63J-331X | MG RESISTOR | 330Ω 1/16W J      | R3098    | NRSA63J-510X | MG RESISTOR | 51Ω 1/16W J       |
| R1213    | NRSA63J-330X | MG RESISTOR | 33Ω 1/16W J       | R3099    | NRSA63J-510X | MG RESISTOR | 51Ω 1/16W J       |
| R1301    | NRSA63J-182X | MG RESISTOR | 1.8kΩ 1/16W J     | R3100    | NRSA63J-510X | MG RESISTOR | 51Ω 1/16W J       |
| R1303    | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J      | R3101    | NRSA63J-510X | MG RESISTOR | 51Ω 1/16W J       |
| R1304    | NRSA63J-332X | MG RESISTOR | 3.3kΩ 1/16W J     | R3102    | NRSA63J-510X | MG RESISTOR | 51Ω 1/16W J       |
| R1305    | NRSA63J-561X | MG RESISTOR | 560Ω 1/16W J      | R3103    | NRSA63J-510X | MG RESISTOR | 51Ω 1/16W J       |
| R1306    | NRSA63J-471X | MG RESISTOR | 470Ω 1/16W J      | R3104    | NRSA63J-510X | MG RESISTOR | 51Ω 1/16W J       |
| R1307    | NRSA63J-561X | MG RESISTOR | 560Ω 1/16W J      | R3105    | NRSA63J-510X | MG RESISTOR | 51Ω 1/16W J       |
| R1313    | NRSA63J-330X | MG RESISTOR | 33Ω 1/16W J       | R3106    | NRS144J-0R0X | MG RESISTOR | 0Ω 1/4W J         |
| R1401    | NRSA63J-182X | MG RESISTOR | 1.8kΩ 1/16W J     | R3107    | NRS144J-0R0X | MG RESISTOR | 0Ω 1/4W J         |
| R1403    | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J      | R3112    | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J        |
| R1404    | NRSA63J-332X | MG RESISTOR | 3.3kΩ 1/16W J     | R3114    | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J        |
| R1405    | NRSA63J-561X | MG RESISTOR | 560Ω 1/16W J      | R3116    | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J        |
| R1406    | NRSA63J-471X | MG RESISTOR | 470Ω 1/16W J      | R3118    | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J        |
| R1407    | NRSA63J-561X | MG RESISTOR | 560Ω 1/16W J      | R3120    | NRSA63J-220X | MG RESISTOR | 22Ω 1/16W J       |
| R1413    | NRSA63J-330X | MG RESISTOR | 33Ω 1/16W J       | R3122    | NRSA63J-680X | MG RESISTOR | 68Ω 1/16W J       |
| R1523    | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K       | R3125    | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J        |
| R1524    | NRSA63J-474X | MG RESISTOR | 470kΩ 1/16W J     | R3126    | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J        |
| R1525    | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J        | R3128    | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J        |
| R1584    | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J        | R3151    | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J        |
| R2028    | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J        | R3152    | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J        |
| R2056    | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J        | R3153    | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J        |
| R2057    | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J        | R3154    | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J        |
| R2101    | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J        | R3155    | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J        |
| R2102    | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J        | R3156    | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J        |
| R2103    | NRSA63J-220X | MG RESISTOR | 22Ω 1/16W J       | R3157    | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J        |
| R2104    | NRSA63J-220X | MG RESISTOR | 22Ω 1/16W J       | R3158    | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J        |
| R2105    | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J      | R3159    | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J        |
| R2121    | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J        | R3160    | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J        |
| R2122    | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J        | R3161    | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J        |
| R2123    | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J        | R3162    | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J        |
| R2125    | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J        | R3163    | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J        |
| R2128    | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J        | R3164    | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J        |
| R2151    | NRSA02J-0R0X | MG RESISTOR | 0Ω 1/10W J        | R3165    | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J        |
| R2153    | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J        | R3166    | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J        |
| R2154    | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J        | R3167    | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J        |
| R2155    | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J        | R3168    | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J        |
| R3001    | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J      | R3169    | NRSA02J-0R0X | MG RESISTOR | 0Ω 1/10W J        |
| R3004    | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J      | R3170    | NRS144J-0R0X | MG RESISTOR | 0Ω 1/4W J         |
| R3006    | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J        | R3171    | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J        |
| R3007    | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J        | R3172    | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J        |
| R3008    | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J        | R3173    | NRSA02J-0R0X | MG RESISTOR | 0Ω 1/10W J        |
| R3009    | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J        | R3174    | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J        |
| R3018    | NRSA02J-3R3X | MG RESISTOR | 3.3Ω 1/10W J      | R3176    | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J        |
| R3019    | NRSA02J-3R3X | MG RESISTOR | 3.3Ω 1/10W J      | R3177    | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J        |
| R3020    | NRSA02J-3R3X | MG RESISTOR | 3.3Ω 1/10W J      | R3178    | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J        |
| R3021    | NRSA63D-102X | MG RESISTOR | 1kΩ 1/16W D       | R3179    | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J        |
| R3022    | NRSA63D-332X | MG RESISTOR | 3.3kΩ 1/16W D     | R3180    | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J        |
| R3023    | NRSA63D-332X | MG RESISTOR | 3.3kΩ 1/16W D     | R3181    | NRS144J-0R0X | MG RESISTOR | 0Ω 1/4W J         |
| R3024    | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J       | R3182    | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J        |
| R3028    | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J       | R3183    | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J        |
| R3029    | NRSA63D-392X | MG RESISTOR | 3.9kΩ 1/16W D     | R3184    | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J        |
| R3030    | NRSA63D-102X | MG RESISTOR | 1kΩ 1/16W D       | R3185    | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J        |
| R3031    | NRSA63D-151X | MG RESISTOR | 150Ω 1/16W D      | R3186    | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J        |
| R3032    | NRSA63J-5R6X | MG RESISTOR | 5.6Ω 1/16W J      | R3187    | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J        |
| R3033    | NRSA63J-5R6X | MG RESISTOR | 5.6Ω 1/16W J      | R3207    | NRS144J-0R0X | MG RESISTOR | 0Ω 1/4W J         |
| R3034    | NRSA63J-5R6X | MG RESISTOR | 5.6Ω 1/16W J      | R3502    | NRSA63J-510X | MG RESISTOR | 51Ω 1/16W J       |

3-28(No.YA247)



| △Ref No. | Part No.     | Part Name    | Description Local | △Ref No. | Part No.      | Part Name      | Description Local |
|----------|--------------|--------------|-------------------|----------|---------------|----------------|-------------------|
| R7140    | NRSA63J-473X | MG RESISTOR  | 47kΩ 1/16W J      | RA3518   | NRZ0040-510X  | NET RESISTOR   | 51Ω 1/16W J x4    |
| R7148    | NRSA63J-101X | MG RESISTOR  | 100Ω 1/16W J      | RA3521   | NRZ0080-510X  | NET RESISTOR   | 51Ω 1/16W J       |
| R7149    | NRSA63J-103X | MG RESISTOR  | 10kΩ 1/16W J      | RA3523   | NRZ0040-510X  | NET RESISTOR   | 51Ω 1/16W J x4    |
| R7150    | NRSA63J-103X | MG RESISTOR  | 10kΩ 1/16W J      | RA3526   | NRZ0080-510X  | NET RESISTOR   | 51Ω 1/16W J       |
| R7151    | NCB31HK-102X | C CAPACITOR  | 1000pF 50V K      | RA3530   | NRZ0040-510X  | NET RESISTOR   | 51Ω 1/16W J x4    |
| R7152    | NCB31HK-102X | C CAPACITOR  | 1000pF 50V K      | RA3531   | NRZ0080-510X  | NET RESISTOR   | 51Ω 1/16W J       |
| R7153    | NRSA63J-101X | MG RESISTOR  | 100Ω 1/16W J      | RA3536   | NRZ0080-510X  | NET RESISTOR   | 51Ω 1/16W J       |
| R7159    | NRSA63J-0R0X | MG RESISTOR  | 0Ω 1/16W J        | RA3540   | NRZ0040-510X  | NET RESISTOR   | 51Ω 1/16W J x4    |
| R7160    | NRSA63J-101X | MG RESISTOR  | 100Ω 1/16W J      | RA3542   | NRZ0040-510X  | NET RESISTOR   | 51Ω 1/16W J x4    |
| R7161    | NRSA63J-103X | MG RESISTOR  | 10kΩ 1/16W J      | RA3545   | NRZ0080-510X  | NET RESISTOR   | 51Ω 1/16W J       |
| R7162    | NRSA63J-0R0X | MG RESISTOR  | 0Ω 1/16W J        | RA3547   | NRZ0040-510X  | NET RESISTOR   | 51Ω 1/16W J x4    |
| R7163    | NRSA63J-0R0X | MG RESISTOR  | 0Ω 1/16W J        | RA4007   | NRZ0034-0R0W  | NET RESISTOR   | 0Ω 1/32W J x4     |
| R7214    | NRSA63J-103X | MG RESISTOR  | 10kΩ 1/16W J      | RA4008   | NRZ0034-0R0W  | NET RESISTOR   | 0Ω 1/32W J x4     |
| R7215    | NRSA63J-104X | MG RESISTOR  | 100kΩ 1/16W J     | RA4009   | NRZ0034-0R0W  | NET RESISTOR   | 0Ω 1/32W J x4     |
| R7216    | NRSA63J-0R0X | MG RESISTOR  | 0Ω 1/16W J        | RA4010   | NRZ0034-0R0W  | NET RESISTOR   | 0Ω 1/32W J x4     |
| R7224    | NRSA63J-473X | MG RESISTOR  | 47kΩ 1/16W J      | RA4011   | NRZ0034-0R0W  | NET RESISTOR   | 0Ω 1/32W J x4     |
| R7225    | NRSA63J-0R0X | MG RESISTOR  | 0Ω 1/16W J        | RA4012   | NRZ0034-0R0W  | NET RESISTOR   | 0Ω 1/32W J x4     |
| R7401    | NRSA63J-101X | MG RESISTOR  | 100Ω 1/16W J      | RA6001   | NRZ0034-0R0W  | NET RESISTOR   | 0Ω 1/32W J x4     |
| R7404    | NRSA63J-0R0X | MG RESISTOR  | 0Ω 1/16W J        | RA7601   | NRZ0034-0R0W  | NET RESISTOR   | 0Ω 1/32W J x4     |
| R7601    | NRSA63J-102X | MG RESISTOR  | 1kΩ 1/16W J       | RA7602   | NRZ0034-0R0W  | NET RESISTOR   | 0Ω 1/32W J x4     |
| R7602    | NRSA63J-103X | MG RESISTOR  | 10kΩ 1/16W J      | RA7603   | NRZ0034-0R0W  | NET RESISTOR   | 0Ω 1/32W J x4     |
| R7603    | NRSA63J-103X | MG RESISTOR  | 10kΩ 1/16W J      | RA7604   | NRZ0034-0R0W  | NET RESISTOR   | 0Ω 1/32W J x4     |
| R7604    | NRSA63J-0R0X | MG RESISTOR  | 0Ω 1/16W J        | RA7605   | NRZ0034-0R0W  | NET RESISTOR   | 0Ω 1/32W J x4     |
| R7605    | NRSA63J-0R0X | MG RESISTOR  | 0Ω 1/16W J        | RB7605   | NRSA63J-0R0X  | MG RESISTOR    | 0Ω 1/16W J        |
| R7606    | NRSA63J-0R0X | MG RESISTOR  | 0Ω 1/16W J        | RB7614   | NRSA63J-0R0X  | MG RESISTOR    | 0Ω 1/16W J        |
| R7607    | NCB31AK-224X | C CAPACITOR  | 0.22uF 10V K      | RB7615   | NRSA63J-0R0X  | MG RESISTOR    | 0Ω 1/16W J        |
| R7608    | NRSA63J-222X | MG RESISTOR  | 2.2kΩ 1/16W J     | L0101    | NQL092K-R68X  | COIL           | 0.68uH K          |
| R7609    | NRSA63J-272X | MG RESISTOR  | 2.7kΩ 1/16W J     | L0104    | NRSA02J-0R0X  | MG RESISTOR    | 0Ω 1/10W J        |
| R7610    | NRSA63J-0R0X | MG RESISTOR  | 0Ω 1/16W J        | L0201    | NQL092K-R68X  | COIL           | 0.68uH K          |
| R7611    | NRSA63J-0R0X | MG RESISTOR  | 0Ω 1/16W J        | L0204    | NRSA02J-0R0X  | MG RESISTOR    | 0Ω 1/10W J        |
| R7612    | NCB31AK-224X | C CAPACITOR  | 0.22uF 10V K      | L0301    | NQL092K-R68X  | COIL           | 0.68uH K          |
| R7613    | NRSA63J-472X | MG RESISTOR  | 4.7kΩ 1/16W J     | L0304    | NRSA02J-0R0X  | MG RESISTOR    | 0Ω 1/10W J        |
| R7614    | NRSA63J-562X | MG RESISTOR  | 5.6kΩ 1/16W J     | L0401    | NRSA02J-0R0X  | MG RESISTOR    | 0Ω 1/10W J        |
| R7615    | NRSA63J-0R0X | MG RESISTOR  | 0Ω 1/16W J        | L1001    | NQR0489-002X  | FERRITE BEADS  |                   |
| R7656    | NRSA63J-0R0X | MG RESISTOR  | 0Ω 1/16W J        | L1002    | NQR0489-002X  | FERRITE BEADS  |                   |
| R7657    | NRSA63J-0R0X | MG RESISTOR  | 0Ω 1/16W J        | L1003    | NQL092K-1R5X  | CHIP P COIL    | 1.5uH K           |
| R7658    | NRSA63J-102X | MG RESISTOR  | 1kΩ 1/16W J       | L1004    | NQR0489-002X  | FERRITE BEADS  |                   |
| R7659    | NRSA63J-682X | MG RESISTOR  | 6.8kΩ 1/16W J     | L1005    | NQR0489-002X  | FERRITE BEADS  |                   |
| R7660    | NRSA63J-105X | MG RESISTOR  | 1MΩ 1/16W J       | L1006    | NQR0489-002X  | FERRITE BEADS  |                   |
| R7661    | NRSA63J-471X | MG RESISTOR  | 470Ω 1/16W J      | L1008    | NQL79GM-220X  | COIL           | 22uH M            |
| R7664    | NRSA63J-102X | MG RESISTOR  | 1kΩ 1/16W J       | L1010    | NRSA02J-0R0X  | MG RESISTOR    | 0Ω 1/10W J        |
| R7666    | NRSA63J-0R0X | MG RESISTOR  | 0Ω 1/16W J        | L1011    | NQL79GM-470X  | COIL           | 47uH M            |
| R7680    | NRSA63J-0R0X | MG RESISTOR  | 0Ω 1/16W J        | L1101    | NQL092K-6R8X  | COIL           | 6.8uH K           |
| R7681    | NRSA63J-0R0X | MG RESISTOR  | 0Ω 1/16W J        | L1102    | NQR0489-002X  | FERRITE BEADS  |                   |
| R7685    | NRSA63J-471X | MG RESISTOR  | 470Ω 1/16W J      | L1103    | NQL092K-1R0X  | COIL           | 1uH K             |
| R7686    | NRSA63J-105X | MG RESISTOR  | 1MΩ 1/16W J       | L1104    | NQL093K-R10X  | COIL           | 0.1uH K           |
| R7688    | NRSA63J-0R0X | MG RESISTOR  | 0Ω 1/16W J        | L1201    | NQL092K-6R8X  | COIL           | 6.8uH K           |
| R7689    | NRSA63J-0R0X | MG RESISTOR  | 0Ω 1/16W J        | L1203    | NQL092K-1R0X  | COIL           | 1uH K             |
| R7690    | NRSA63J-0R0X | MG RESISTOR  | 0Ω 1/16W J        | L1301    | NQL092K-3R3X  | COIL           | 3.3uH K           |
| R7691    | NRSA63J-333X | MG RESISTOR  | 33kΩ 1/16W J      | L1303    | NQL092K-1R0X  | COIL           | 1uH K             |
| R9201    | NRSA63J-473X | MG RESISTOR  | 47kΩ 1/16W J      | L1304    | NQL093K-R10X  | COIL           | 0.1uH K           |
| R9202    | NRSA02J-0R0X | MG RESISTOR  | 0Ω 1/10W J        | L1401    | NQL092K-3R3X  | COIL           | 3.3uH K           |
| R9204    | NRSA63D-272X | MG RESISTOR  | 2.7kΩ 1/16W D     | L1403    | NQL092K-1R0X  | COIL           | 1uH K             |
| R9205    | NRSA63D-103X | MG RESISTOR  | 10kΩ 1/16W D      | L1404    | NQL093K-R10X  | COIL           | 0.1uH K           |
| R9206    | NRSA63J-472X | MG RESISTOR  | 4.7kΩ 1/16W J     | L1501    | NQL092K-4R7X  | COIL           | 4.7uH K           |
| R9207    | NRSA02J-0R0X | MG RESISTOR  | 0Ω 1/10W J        | L2101    | NRSA02J-0R0X  | MG RESISTOR    | 0Ω 1/10W J        |
| R9208    | NRSA63J-105X | MG RESISTOR  | 1MΩ 1/16W J       | L3001    | NQR0489-002X  | FERRITE BEADS  |                   |
| R9209    | NRSA63J-680X | MG RESISTOR  | 68Ω 1/16W J       | L3005    | NQR0413-003X  | FERRITE BEADS  |                   |
| R9210    | NRSA63J-0R0X | MG RESISTOR  | 0Ω 1/16W J        | L3006    | NQR0413-003X  | FERRITE BEADS  |                   |
| RA1001   | NRZ0080-510X | NET RESISTOR | 51Ω 1/16W J       | L3008    | NQR0413-003X  | FERRITE BEADS  |                   |
| RA1002   | NRZ0080-510X | NET RESISTOR | 51Ω 1/16W J       | L3009    | NQR0413-003X  | FERRITE BEADS  |                   |
| RA1003   | NRZ0040-101X | NET RESISTOR | 100Ω 1/16W J x4   | L3010    | NQR0413-003X  | FERRITE BEADS  |                   |
| RA2012   | NRZ0080-101X | NET RESISTOR | 100Ω 1/16W J      | L3011    | NRSA02J-0R0X  | MG RESISTOR    | 0Ω 1/10W J        |
| RA2013   | NRZ0080-101X | NET RESISTOR | 100Ω 1/16W J      | L3012    | NQR0413-003X  | FERRITE BEADS  |                   |
| RA2015   | NRZ0080-0R0X | NET RESISTOR | 0Ω 1/16W J        | L3501    | NQR0413-003X  | FERRITE BEADS  |                   |
| RA2016   | NRZ0080-0R0X | NET RESISTOR | 0Ω 1/16W J        | L4001    | NQR0413-003X  | FERRITE BEADS  |                   |
| RA3002   | NRZ0034-103W | NET RESISTOR | 10kΩ 1/32W J x4   | L4002    | NQR0413-003X  | FERRITE BEADS  |                   |
| RA3004   | NRZ0034-103W | NET RESISTOR | 10kΩ 1/32W J x4   | L4003    | NQR0413-003X  | FERRITE BEADS  |                   |
| RA3013   | NRZ0034-220W | NET RESISTOR | 22Ω 1/32W J x4    | L6501    | NQR0351-001X  | FERRITE BEADS  |                   |
| RA3014   | NRZ0034-220W | NET RESISTOR | 22Ω 1/32W J x4    | L6508    | NQR0504-001X  | EMI FILTER     |                   |
| RA3015   | NRZ0034-220W | NET RESISTOR | 22Ω 1/32W J x4    | L6509    | NQR0504-001X  | EMI FILTER     |                   |
| RA3016   | NRZ0034-220W | NET RESISTOR | 22Ω 1/32W J x4    | L6510    | NQR0504-001X  | EMI FILTER     |                   |
| RA3018   | NRZ0080-510X | NET RESISTOR | 51Ω 1/16W J       | L7001    | NRSA63J-0R0X  | MG RESISTOR    | 0Ω 1/16W J        |
| RA3020   | NRZ0080-510X | NET RESISTOR | 51Ω 1/16W J       | L7002    | NRSA63J-0R0X  | MG RESISTOR    | 0Ω 1/16W J        |
| RA3022   | NRZ0080-510X | NET RESISTOR | 51Ω 1/16W J       | L7003    | NRSA63J-0R0X  | MG RESISTOR    | 0Ω 1/16W J        |
| RA3023   | NRZ0040-510X | NET RESISTOR | 51Ω 1/16W J x4    | L7004    | NRSA63J-0R0X  | MG RESISTOR    | 0Ω 1/16W J        |
| RA3024   | NRZ0040-510X | NET RESISTOR | 51Ω 1/16W J x4    | L7005    | NRSA63J-0R0X  | MG RESISTOR    | 0Ω 1/16W J        |
| RA3025   | NRZ0040-510X | NET RESISTOR | 51Ω 1/16W J x4    | L7006    | NRSA63J-0R0X  | MG RESISTOR    | 0Ω 1/16W J        |
| RA3026   | NRZ0040-510X | NET RESISTOR | 51Ω 1/16W J x4    | L9201    | NQL71EM-150X  | COIL           | 15uH M            |
| RA3028   | NRZ0080-510X | NET RESISTOR | 51Ω 1/16W J       | CN001    | QGF0508F1-50X | CONNECTOR      | FFC/FPC (1-50)    |
| RA3030   | NRZ0080-510X | NET RESISTOR | 51Ω 1/16W J       | CN002    | QGF0508F1-30X | CONNECTOR      | FFC/FPC (1-30)    |
| RA3032   | NRZ0080-510X | NET RESISTOR | 51Ω 1/16W J       | CN005    | QGB0603L1-B0  | CONNECTOR      | B-B (1-110)       |
| RA3502   | NRZ0080-510X | NET RESISTOR | 51Ω 1/16W J       | CN0FC    | QGF0508F1-30X | CONNECTOR      | FFC/FPC (1-30)    |
| RA3506   | NRZ0040-510X | NET RESISTOR | 51Ω 1/16W J x4    | J001     | NNZ0117-001   | HDMI CONNECTOR | DIGITAL IN        |
| RA3508   | NRZ0080-510X | NET RESISTOR | 51Ω 1/16W J       | J7001    | QNS0001-001   | 3.5 JACK       | AV COMPULINKIII   |
| RA3512   | NRZ0080-510X | NET RESISTOR | 51Ω 1/16W J       |          |               |                |                   |
| RA3516   | NRZ0040-510X | NET RESISTOR | 51Ω 1/16W J x4    |          |               |                |                   |

| △Ref No. | Part No.     | Part Name     | Description Local | △Ref No. | Part No.     | Part Name   | Description Local |
|----------|--------------|---------------|-------------------|----------|--------------|-------------|-------------------|
| K1001    | NRSA02J-0R0X | MG RESISTOR   | 0Ω 1/10W J        | D2081    | MA8033-X     | Z DIODE     |                   |
| K1002    | NRSA02J-0R0X | MG RESISTOR   | 0Ω 1/10W J        | D2201    | MA8100/M/-X  | Z DIODE     |                   |
| K1003    | NRSA02J-0R0X | MG RESISTOR   | 0Ω 1/10W J        | D2202    | MA8100/M/-X  | Z DIODE     |                   |
| K1004    | NRSA02J-0R0X | MG RESISTOR   | 0Ω 1/10W J        | D2203    | MA8100/M/-X  | Z DIODE     |                   |
| K1005    | NRSA02J-0R0X | MG RESISTOR   | 0Ω 1/10W J        | D2205    | MA8100/M/-X  | Z DIODE     |                   |
| K2104    | NRSA02J-0R0X | MG RESISTOR   | 0Ω 1/10W J        | D2206    | MA8100/M/-X  | Z DIODE     |                   |
| K2106    | NQR0489-002X | FERRITE BEADS |                   | D2207    | MA8100/M/-X  | Z DIODE     |                   |
| K2107    | NRSA02J-0R0X | MG RESISTOR   | 0Ω 1/10W J        | D2401    | MA8100/M/-X  | Z DIODE     |                   |
| K2108    | NRSA02J-0R0X | MG RESISTOR   | 0Ω 1/10W J        | D2402    | MA8100/M/-X  | Z DIODE     |                   |
| K3003    | NRSA63J-0R0X | MG RESISTOR   | 0Ω 1/16W J        | D2403    | MA8100/M/-X  | Z DIODE     |                   |
| K3006    | NRSA63J-0R0X | MG RESISTOR   | 0Ω 1/16W J        | D2404    | MA8100/M/-X  | Z DIODE     |                   |
| K3009    | NRSA02J-0R0X | MG RESISTOR   | 0Ω 1/10W J        |          |              |             |                   |
| K3010    | NRSA02J-0R0X | MG RESISTOR   | 0Ω 1/10W J        | C2001    | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K      |
| K6006    | NQR0199-001X | FERRITE BEADS |                   | C2002    | QETN1CM-106Z | E CAPACITOR | 10uF 16V M        |
| K6007    | NQR0199-001X | FERRITE BEADS |                   | C2004    | QETN1CM-106Z | E CAPACITOR | 10uF 16V M        |
| K6008    | NQR0199-001X | FERRITE BEADS |                   | C2005    | NCB21AK-225X | C CAPACITOR | 2.2uF 10V K       |
| K6009    | NQR0199-001X | FERRITE BEADS |                   | C2006    | NCB21AK-225X | C CAPACITOR | 2.2uF 10V K       |
| K6010    | NQR0199-001X | FERRITE BEADS |                   | C2007    | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K      |
| K6019    | NQR0199-001X | FERRITE BEADS |                   | C2008    | QETN1CM-106Z | E CAPACITOR | 10uF 16V M        |
| K7002    | NRSA02J-0R0X | MG RESISTOR   | 0Ω 1/10W J        | C2010    | QETN1CM-106Z | E CAPACITOR | 10uF 16V M        |
| K9001    | NQR0413-003X | FERRITE BEADS |                   | C2011    | NCB21AK-225X | C CAPACITOR | 2.2uF 10V K       |
| K9002    | NQR0413-003X | FERRITE BEADS |                   | C2012    | NCB21AK-225X | C CAPACITOR | 2.2uF 10V K       |
| LC0102   | NQR0483-005X | EMI FILTER    | 100uF 25V Z       | C2013    | QETN1CM-106Z | E CAPACITOR | 10uF 16V M        |
| LC0501   | NQR0416-002X | EMI FILTER    | 84pF 16V M        | C2014    | NCB21AK-225X | C CAPACITOR | 2.2uF 10V K       |
| LC0502   | NQR0416-002X | EMI FILTER    | 84pF 16V M        | C2015    | NCB21AK-225X | C CAPACITOR | 2.2uF 10V K       |
| LC0504   | NQR0416-002X | EMI FILTER    | 84pF 16V M        | C2051    | NCB11CK-225X | C CAPACITOR | 2.2uF 16V K       |
| LC0506   | NQR0416-002X | EMI FILTER    | 84pF 16V M        | C2052    | NCB11CK-225X | C CAPACITOR | 2.2uF 16V K       |
| LC0507   | NQR0416-002X | EMI FILTER    | 84pF 16V M        | C2055    | NCB11CK-105X | C CAPACITOR | 1uF 16V K         |
| LC0508   | NQR0416-002X | EMI FILTER    | 84pF 16V M        | C2081    | QETN1HM-106Z | E CAPACITOR | 10uF 50V M        |
| LC0510   | NQR0498-001X | EMI FILTER    |                   | C2082    | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K       |
| LC0511   | NQR0498-001X | EMI FILTER    |                   | C2083    | QETN1CM-107Z | E CAPACITOR | 100uF 16V M       |
| LC0512   | NQR0498-001X | EMI FILTER    |                   | C2084    | NCB31HK-102X | C CAPACITOR | 1000pF 50V K      |
| LC0513   | NQR0498-001X | EMI FILTER    |                   | C2201    | NCB21AK-225X | C CAPACITOR | 2.2uF 10V K       |
| LC0514   | NQR0416-002X | EMI FILTER    | 84pF 16V M        | C2202    | NCB21AK-225X | C CAPACITOR | 2.2uF 10V K       |
| LC0515   | NQR0416-002X | EMI FILTER    | 84pF 16V M        | C2203    | NCB21AK-225X | C CAPACITOR | 2.2uF 10V K       |
| LC0516   | NQR0416-001X | EMI FILTER    | 240pF 16V M       | C2204    | NCB21AK-225X | C CAPACITOR | 2.2uF 10V K       |
| LC0517   | NQR0416-001X | EMI FILTER    | 240pF 16V M       | C2205    | NCB21AK-225X | C CAPACITOR | 2.2uF 10V K       |
| LC0518   | NQR0416-001X | EMI FILTER    | 240pF 16V M       | C2206    | NCB21AK-225X | C CAPACITOR | 2.2uF 10V K       |
| LC0519   | NQR0416-001X | EMI FILTER    | 240pF 16V M       | C2213    | NCB21AK-225X | C CAPACITOR | 2.2uF 10V K       |
| LC0520   | NQR0483-005X | EMI FILTER    | 100uF 25V Z       | C2214    | NCB21AK-225X | C CAPACITOR | 2.2uF 10V K       |
| LC0522   | NQR0483-005X | EMI FILTER    | 100uF 25V Z       | C2215    | NCB31HK-102X | C CAPACITOR | 1000pF 50V K      |
| LC0523   | NQR0483-005X | EMI FILTER    | 100uF 25V Z       | C2401    | NDC31HJ-101X | C CAPACITOR | 100pF 50V J       |
| LC0525   | NQR0483-005X | EMI FILTER    | 100uF 25V Z       | C2402    | NDC31HJ-101X | C CAPACITOR | 100pF 50V J       |
| LC0526   | NQR0483-005X | EMI FILTER    | 100uF 25V Z       | C2403    | NCB21AK-225X | C CAPACITOR | 2.2uF 10V K       |
| LC0527   | NQR0483-005X | EMI FILTER    | 100uF 25V Z       | C2404    | NCB21AK-225X | C CAPACITOR | 2.2uF 10V K       |
| LC7001   | NQR0470-001X | EMI FILTER    | 22pF 50V +50%-20% | C2405    | NCB21AK-225X | C CAPACITOR | 2.2uF 10V K       |
| LC7002   | NQR0470-001X | EMI FILTER    | 22pF 50V +50%-20% | C2406    | QCS31HJ-101Z | C CAPACITOR | 100pF 50V J       |
| LC7003   | NQR0470-001X | EMI FILTER    | 22pF 50V +50%-20% | C2407    | QCS31HJ-101Z | C CAPACITOR | 100pF 50V J       |
| LC7004   | NQR0470-001X | EMI FILTER    | 22pF 50V +50%-20% | C2408    | QCS31HJ-101Z | C CAPACITOR | 100pF 50V J       |
| LC7007   | NQR0479-001X | EMI FILTER    |                   |          |              |             |                   |
| SL7001   | NAX0613-001X | C RESONATOR   |                   | R2001    | NRSA63J-750X | MG RESISTOR | 75Ω 1/16W J       |
| X1001    | NAX0660-001X | CRYSTAL       |                   | R2002    | NRSA63J-750X | MG RESISTOR | 75Ω 1/16W J       |
| X3001    | NAX0635-001X | CXO           |                   | R2003    | NRSA63J-750X | MG RESISTOR | 75Ω 1/16W J       |
| X3003    | NAX0668-001X | CXO           |                   | R2004    | NRSA63J-224X | MG RESISTOR | 220kΩ 1/16W J     |
| X4001    | NAX0669-001X | CRYSTAL       |                   | R2005    | NRSA63J-224X | MG RESISTOR | 220kΩ 1/16W J     |
| X7601    | NAX0613-001X | C RESONATOR   |                   | R2006    | NRSA63J-750X | MG RESISTOR | 75Ω 1/16W J       |

## REAR JACK P.W. BOARD ASS'Y (SRP0J021A-M2)

| △Ref No. | Part No.    | Part Name       | Description Local |
|----------|-------------|-----------------|-------------------|
| IC2081   | TPS855      | PHOTO CONDUCTOR |                   |
| Q2051    | UN2226-X    | DIGI TRANSISTOR |                   |
| Q2052    | UN2226-X    | DIGI TRANSISTOR |                   |
| Q2055    | UN2110-X    | DIGI TRANSISTOR |                   |
| D2001    | MA8100/M/-X | Z DIODE         |                   |
| D2002    | MA8100/M/-X | Z DIODE         |                   |
| D2004    | MA8100/M/-X | Z DIODE         |                   |
| D2005    | MA8100/M/-X | Z DIODE         |                   |
| D2006    | MA8100/M/-X | Z DIODE         |                   |
| D2007    | MA8100/M/-X | Z DIODE         |                   |
| D2008    | MA8100/M/-X | Z DIODE         |                   |
| D2010    | MA8100/M/-X | Z DIODE         |                   |
| D2011    | MA8100/M/-X | Z DIODE         |                   |
| D2012    | MA8100/M/-X | Z DIODE         |                   |
| D2013    | MA8100/M/-X | Z DIODE         |                   |
| D2014    | MA8100/M/-X | Z DIODE         |                   |
| D2015    | MA8100/M/-X | Z DIODE         |                   |
| D2016    | MA8100/M/-X | Z DIODE         |                   |
| D2017    | MA8100/M/-X | Z DIODE         |                   |
| D2053    | MA8100/M/-X | Z DIODE         |                   |
| D2054    | MA8100/M/-X | Z DIODE         |                   |

|       |              |             |               |
|-------|--------------|-------------|---------------|
| R2001 | NRSA63J-750X | MG RESISTOR | 75Ω 1/16W J   |
| R2002 | NRSA63J-750X | MG RESISTOR | 75Ω 1/16W J   |
| R2003 | NRSA63J-750X | MG RESISTOR | 75Ω 1/16W J   |
| R2004 | NRSA63J-224X | MG RESISTOR | 220kΩ 1/16W J |
| R2005 | NRSA63J-224X | MG RESISTOR | 220kΩ 1/16W J |
| R2006 | NRSA63J-750X | MG RESISTOR | 75Ω 1/16W J   |
| R2007 | NRSA63J-750X | MG RESISTOR | 75Ω 1/16W J   |
| R2008 | NRSA63J-750X | MG RESISTOR | 75Ω 1/16W J   |
| R2009 | NRSA63J-224X | MG RESISTOR | 220kΩ 1/16W J |
| R2010 | NRSA63J-224X | MG RESISTOR | 220kΩ 1/16W J |
| R2011 | NRSA63J-750X | MG RESISTOR | 75Ω 1/16W J   |
| R2012 | NRSA63J-224X | MG RESISTOR | 220kΩ 1/16W J |
| R2013 | NRSA63J-224X | MG RESISTOR | 220kΩ 1/16W J |
| R2051 | NRSA63J-750X | MG RESISTOR | 75Ω 1/16W J   |
| R2052 | NRSA63J-222X | MG RESISTOR | 2.2kΩ 1/16W J |
| R2053 | NRSA63J-222X | MG RESISTOR | 2.2kΩ 1/16W J |
| R2054 | NRSA63J-223X | MG RESISTOR | 22kΩ 1/16W J  |
| R2055 | NRSA63J-223X | MG RESISTOR | 22kΩ 1/16W J  |
| R2056 | NRSA63J-224X | MG RESISTOR | 220kΩ 1/16W J |
| R2057 | NRSA63J-224X | MG RESISTOR | 220kΩ 1/16W J |
| R2059 | NRSA63J-750X | MG RESISTOR | 75Ω 1/16W J   |
| R2060 | NRSA63J-750X | MG RESISTOR | 75Ω 1/16W J   |
| R2061 | NRSA63J-391X | MG RESISTOR | 390Ω 1/16W J  |
| R2062 | NRSA63J-391X | MG RESISTOR | 390Ω 1/16W J  |
| R2065 | NRSA63J-471X | MG RESISTOR | 470Ω 1/16W J  |
| R2066 | NRSA63J-471X | MG RESISTOR | 470Ω 1/16W J  |
| R2069 | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J   |
| R2071 | NRSA63J-393X | MG RESISTOR | 39kΩ 1/16W J  |
| R2081 | NRSA63J-105X | MG RESISTOR | 1MΩ 1/16W J   |
| R2202 | NRSA63J-750X | MG RESISTOR | 75Ω 1/16W J   |
| R2203 | NRSA63J-750X | MG RESISTOR | 75Ω 1/16W J   |
| R2204 | NRSA63J-750X | MG RESISTOR | 75Ω 1/16W J   |
| R2207 | NRSA63J-750X | MG RESISTOR | 75Ω 1/16W J   |
| R2208 | NRSA63J-750X | MG RESISTOR | 75Ω 1/16W J   |
| R2209 | NRSA63J-750X | MG RESISTOR | 75Ω 1/16W J   |
| R2210 | NRSA63J-224X | MG RESISTOR | 220kΩ 1/16W J |
| R2216 | NRSA63J-823X | MG RESISTOR | 82kΩ 1/16W J  |

| △Ref No. | Part No.     | Part Name   | Description                  | Local   |
|----------|--------------|-------------|------------------------------|---------|
| R2217    | NRSA63J-221X | MG RESISTOR | 220Ω                         | 1/16W J |
| R2218    | NRSA63J-221X | MG RESISTOR | 220Ω                         | 1/16W J |
| R2219    | NRSA63J-823X | MG RESISTOR | 82kΩ                         | 1/16W J |
| R2401    | NRSA63J-0R0X | MG RESISTOR | 0Ω                           | 1/16W J |
| R2402    | NRSA63J-0R0X | MG RESISTOR | 0Ω                           | 1/16W J |
| R2403    | NRSA63J-750X | MG RESISTOR | 75Ω                          | 1/16W J |
| R2404    | NRSA63J-0R0X | MG RESISTOR | 0Ω                           | 1/16W J |
| R2405    | NRSA63J-0R0X | MG RESISTOR | 0Ω                           | 1/16W J |
| R2406    | NRSA63J-750X | MG RESISTOR | 75Ω                          | 1/16W J |
| R2407    | NRSA63J-0R0X | MG RESISTOR | 0Ω                           | 1/16W J |
| R2408    | NRSA63J-0R0X | MG RESISTOR | 0Ω                           | 1/16W J |
| R2409    | NRSA63J-750X | MG RESISTOR | 75Ω                          | 1/16W J |
| R2410    | NRSA63J-0R0X | MG RESISTOR | 0Ω                           | 1/16W J |
| R2411    | NRSA63J-0R0X | MG RESISTOR | 0Ω                           | 1/16W J |
| R2414    | NRSA63J-0R0X | MG RESISTOR | 0Ω                           | 1/16W J |
| R2415    | NRSA63J-331X | MG RESISTOR | 330Ω                         | 1/16W J |
| R2416    | NRSA63J-331X | MG RESISTOR | 330Ω                         | 1/16W J |
| J2001    | QNZ0802-001  | AV JACK     | S/V/L/R IN                   |         |
| J2002    | QNN0729-001  | PIN JACK    | COMP IN                      |         |
| J2003    | QNN0727-001  | PIN JACK    | V/L/R IN                     |         |
| J2004    | QNN0725-001  | PIN JACK    | CNTR CH IN/<br>AUDIO IN      |         |
| J2006    | QNZ0801-001  | AV JACK     | MONITOR REC OUT              |         |
| J2007    | QNN0730-001  | PIN JACK    | SUB WOOFER OUT/<br>AUDIO OUT |         |
| J2401    | QNZ0781-001  | D CONNECTOR | PC IN                        |         |

### SIDE CONTROL P.W. BOARD ASS'Y (SRP0L021A-M2)

| △Ref No. | Part No.     | Part Name   | Description | Local   |
|----------|--------------|-------------|-------------|---------|
| C0442    | NCB21CK-105X | C CAPACITOR | 1uF         | 16V K   |
| C0443    | NCB21CK-105X | C CAPACITOR | 1uF         | 16V K   |
| C0444    | QETN1HM-106Z | E CAPACITOR | 10uF        | 50V M   |
| C0446    | NCB31HK-103X | C CAPACITOR | 0.01uF      | 50V K   |
| C0447    | NCB31HK-102X | C CAPACITOR | 1000pF      | 50V K   |
| R0401    | NRSA63J-750X | MG RESISTOR | 75Ω         | 1/16W J |
| R0402    | NRSA63J-224X | MG RESISTOR | 220kΩ       | 1/16W J |
| R0403    | NRSA63J-224X | MG RESISTOR | 220kΩ       | 1/16W J |
| R0405    | NRSA63J-750X | MG RESISTOR | 75Ω         | 1/16W J |
| R0406    | NRSA63J-0R0X | MG RESISTOR | 0Ω          | 1/16W J |
| R0432    | NRSA63J-333X | MG RESISTOR | 33kΩ        | 1/16W J |
| R0541    | NRSA63J-562X | MG RESISTOR | 5.6kΩ       | 1/16W J |
| R0542    | NRSA63J-153X | MG RESISTOR | 15kΩ        | 1/16W J |
| R0543    | NRSA63J-562X | MG RESISTOR | 5.6kΩ       | 1/16W J |
| R0544    | NRSA63J-153X | MG RESISTOR | 15kΩ        | 1/16W J |
| J0401    | QNZ0438-001  | AV JACK     | S/V/L/R IN  |         |
| S0501    | QSW0619-003Z | TACT SWITCH | VOL+        |         |
| S0502    | QSW0619-003Z | TACT SWITCH | VOL-        |         |
| S0503    | QSW0619-003Z | TACT SWITCH | MENU        |         |
| S0504    | QSW0619-003Z | TACT SWITCH | CH+         |         |
| S0505    | QSW0619-003Z | TACT SWITCH | CH-         |         |
| S0506    | QSW0619-003Z | TACT SWITCH | INPUT       |         |

### FRONT LED P.W. BOARD ASS'Y (SRP0L121A-M2)

| △Ref No. | Part No.       | Part Name   | Description | Local |
|----------|----------------|-------------|-------------|-------|
| Q0701    | 2SC3928A/QR/-X | TRANSISTOR  |             |       |
| Q0702    | 2SC3928A/QR/-X | TRANSISTOR  |             |       |
| Q0704    | 2SC3928A/QR/-X | TRANSISTOR  |             |       |
| Q0705    | 2SC3928A/QR/-X | TRANSISTOR  |             |       |
| Q0706    | 2SC3928A/QR/-X | TRANSISTOR  |             |       |
| Q0707    | 2SC3928A/QR/-X | TRANSISTOR  |             |       |
| D0701    | SELU5E20C      | LED         | POWER       |       |
| D0703    | MA8068-X       | Z DIODE     |             |       |
| D0704    | MA8068-X       | Z DIODE     |             |       |
| D0705    | LE22440        | LED         | LAMP        |       |
| D0706    | MA8068-X       | Z DIODE     |             |       |
| D0707    | MA8068-X       | Z DIODE     |             |       |
| C0701    | NCB31HK-102X   | C CAPACITOR | 1000pF      | 50V K |
| C0702    | NCB31HK-102X   | C CAPACITOR | 1000pF      | 50V K |
| C0703    | NDC31HJ-100X   | C CAPACITOR | 10pF        | 50V J |
| C0704    | NDC31HJ-100X   | C CAPACITOR | 10pF        | 50V J |

| △Ref No. | Part No.     | Part Name   | Description | Local   |
|----------|--------------|-------------|-------------|---------|
| C0705    | NDC31HJ-100X | C CAPACITOR | 10pF        | 50V J   |
| C0706    | NDC31HJ-100X | C CAPACITOR | 10pF        | 50V J   |
| R0706    | NRSA63J-101X | MG RESISTOR | 100Ω        | 1/16W J |
| R0707    | NRSA63J-103X | MG RESISTOR | 10kΩ        | 1/16W J |
| R0708    | NRSA63J-333X | MG RESISTOR | 33kΩ        | 1/16W J |
| R0709    | NRSA63J-333X | MG RESISTOR | 33kΩ        | 1/16W J |
| R0710    | NRSA63J-182X | MG RESISTOR | 1.8kΩ       | 1/16W J |
| R0711    | NRSA63J-152X | MG RESISTOR | 1.5kΩ       | 1/16W J |
| R0712    | NRSA63J-333X | MG RESISTOR | 33kΩ        | 1/16W J |
| R0713    | NRSA63J-333X | MG RESISTOR | 33kΩ        | 1/16W J |
| R0714    | NRSA63J-333X | MG RESISTOR | 33kΩ        | 1/16W J |
| R0715    | NRSA63J-333X | MG RESISTOR | 33kΩ        | 1/16W J |
| R0716    | NRSA63J-152X | MG RESISTOR | 1.5kΩ       | 1/16W J |
| S0701    | QSW0619-003Z | TACT SWITCH | POWER       |         |

### LAMP COVER SW P.W. BOARD ASS'Y (SRP0L205A-M2)

| △Ref No. | Part No.     | Part Name       | Description | Local |
|----------|--------------|-----------------|-------------|-------|
| CN0CSW   | WJK0173-001A | E-SI C WIRE C-B |             |       |
| S0201    | QSW1064-001  | DETECT SWITCH   |             |       |

### RECEIVER P.W. BOARD ASS'Y (SRP0R021A-M2)

| △Ref No. | Part No.       | Part Name       | Description | Local |
|----------|----------------|-----------------|-------------|-------|
| IC1140   | CXA2205Q-X     | IC              |             |       |
| IC1221   | M62320FP-X     | IC              |             |       |
| IC1251   | RC4558D-X      | IC              |             |       |
| IC1252   | CD4066BNS-X    | IC              |             |       |
| IC1621   | LM393DR-X      | IC              |             |       |
| IC1641   | NJM2150AM-X    | IC              |             |       |
| IC1661   | TDA8925ST/N1   | IC              |             |       |
| IC1701   | NJM2706M-X     | IC              |             |       |
| IC1702   | RC4558D-X      | IC              |             |       |
| Q1221    | 2SC3928A/QR/-X | TRANSISTOR      |             |       |
| Q1252    | 2SA1530A/QR/-X | TRANSISTOR      |             |       |
| Q1253    | 2SC3928A/QR/-X | TRANSISTOR      |             |       |
| Q1254    | 2SA1530A/QR/-X | TRANSISTOR      |             |       |
| Q1255    | 2SC3928A/QR/-X | TRANSISTOR      |             |       |
| Q1256    | UN2213-X       | DIGI TRANSISTOR |             |       |
| Q1257    | UN2213-X       | DIGI TRANSISTOR |             |       |
| Q1291    | 2SK1374-X      | MOS FET         |             |       |
| Q1292    | 2SK1374-X      | MOS FET         |             |       |
| Q1661    | UN2112-X       | DIGI TRANSISTOR |             |       |
| Q1662    | 2SC3928A/QR/-X | TRANSISTOR      |             |       |
| Q1663    | UN2213-X       | DIGI TRANSISTOR |             |       |
| Q1672    | 2SC3928A/QR/-X | TRANSISTOR      |             |       |
| Q1673    | 2SA1530A/QR/-X | TRANSISTOR      |             |       |
| Q1701    | 2SC3928A/QR/-X | TRANSISTOR      |             |       |
| Q1702    | UN2213-X       | DIGI TRANSISTOR |             |       |
| D1223    | MA111-X        | SI DIODE        |             |       |
| D1251    | MA8100/M/-X    | Z DIODE         |             |       |
| D1252    | MA8100/M/-X    | Z DIODE         |             |       |
| D1253    | MA111-X        | SI DIODE        |             |       |
| D1301    | MA8100/M/-X    | Z DIODE         |             |       |
| D1302    | MA8100/M/-X    | Z DIODE         |             |       |
| D1303    | MA8100/M/-X    | Z DIODE         |             |       |
| D1304    | MA8100/M/-X    | Z DIODE         |             |       |
| D1305    | MA8100/M/-X    | Z DIODE         |             |       |
| D1306    | MA8100/M/-X    | Z DIODE         |             |       |
| D1663    | MA8033-X       | Z DIODE         |             |       |
| D1667    | MA111-X        | SI DIODE        |             |       |
| D1668    | MA111-X        | SI DIODE        |             |       |
| D1669    | MA111-X        | SI DIODE        |             |       |
| D1670    | MA111-X        | SI DIODE        |             |       |
| D1671    | MA8200-X       | Z DIODE         |             |       |
| D1672    | MA8200-X       | Z DIODE         |             |       |
| D1673    | MA8200-X       | Z DIODE         |             |       |
| D1674    | MA8200-X       | Z DIODE         |             |       |
| C1001    | QETN1HM-106Z   | E CAPACITOR     | 10uF        | 50V M |
| C1002    | QETN1EM-476Z   | E CAPACITOR     | 47uF        | 25V M |
| C1003    | QETN1EM-476Z   | E CAPACITOR     | 47uF        | 25V M |
| C1004    | QETN1HM-106Z   | E CAPACITOR     | 10uF        | 50V M |

| △Ref No. | Part No.     | Part Name      | Description Local | △Ref No. | Part No.     | Part Name      | Description Local |
|----------|--------------|----------------|-------------------|----------|--------------|----------------|-------------------|
| C1140    | NCF31CZ-104X | C CAPACITOR    | 0.1uF 16V Z       | C1670    | QFVF1HJ-474Z | MF CAPACITOR   | 0.47uF 50V J      |
| C1141    | NCF31CZ-104X | C CAPACITOR    | 0.1uF 16V Z       | C1671    | NCB31HK-153X | C CAPACITOR    | 0.015uF 50V K     |
| C1142    | NCB21AK-225X | C CAPACITOR    | 2.2uF 10V K       | C1672    | QETN1EM-477Z | E CAPACITOR    | 470uF 25V M       |
| C1143    | NCB21AK-225X | C CAPACITOR    | 2.2uF 10V K       | C1673    | NCB31EK-104X | C CAPACITOR    | 0.1uF 25V K       |
| C1144    | NCB11AK-106X | C CAPACITOR    | 10uF 10V K        | C1674    | QETN1EM-477Z | E CAPACITOR    | 470uF 25V M       |
| C1145    | NCB31HK-223X | C CAPACITOR    | 0.022uF 50V K     | C1675    | NCB31EK-104X | C CAPACITOR    | 0.1uF 25V K       |
| C1146    | NCB31HK-472X | C CAPACITOR    | 4700pF 50V K      | C1676    | NDC31HJ-561X | C CAPACITOR    | 560pF 50V J       |
| C1147    | NCB11AK-475X | C CAPACITOR    | 4.7uF 10V K       | C1677    | NDC31HJ-561X | C CAPACITOR    | 560pF 50V J       |
| C1148    | NCB31EK-104X | C CAPACITOR    | 0.1uF 25V K       | C1678    | QFVF1HJ-224Z | MF CAPACITOR   | 0.22uF 50V J      |
| C1149    | NCB31HK-472X | C CAPACITOR    | 4700pF 50V K      | C1679    | QFVF1HJ-474Z | MF CAPACITOR   | 0.47uF 50V J      |
| C1150    | NCB11AK-475X | C CAPACITOR    | 4.7uF 10V K       | C1680    | NCB31HK-153X | C CAPACITOR    | 0.015uF 50V K     |
| C1151    | NCB31EK-104X | C CAPACITOR    | 0.1uF 25V K       | C1681    | NDC31HJ-561X | C CAPACITOR    | 560pF 50V J       |
| C1152    | NCB11AK-475X | C CAPACITOR    | 4.7uF 10V K       | C1682    | NCB31EK-104X | C CAPACITOR    | 0.1uF 25V K       |
| C1153    | NCB31HK-562X | C CAPACITOR    | 5600pF 50V K      | C1683    | NCB31EK-104X | C CAPACITOR    | 0.1uF 25V K       |
| C1154    | NCB31HK-123X | C CAPACITOR    | 0.012uF 50V K     | C1684    | NCB31EK-104X | C CAPACITOR    | 0.1uF 25V K       |
| C1155    | NCB21CK-105X | C CAPACITOR    | 1uF 16V K         | C1685    | QETN1EM-477Z | E CAPACITOR    | 470uF 25V M       |
| C1156    | NCB11AK-475X | C CAPACITOR    | 4.7uF 10V K       | C1686    | NCB31EK-104X | C CAPACITOR    | 0.1uF 25V K       |
| C1157    | NCB11AK-106X | C CAPACITOR    | 10uF 10V K        | C1687    | QETN1EM-477Z | E CAPACITOR    | 470uF 25V M       |
| C1158    | NCB11AK-475X | C CAPACITOR    | 4.7uF 10V K       | C1688    | QETN1HM-106Z | E CAPACITOR    | 10uF 50V M        |
| C1159    | QETN1CM-107Z | E CAPACITOR    | 100uF 16V M       | C1689    | QETN1EM-476Z | E CAPACITOR    | 47uF 25V M        |
| C1160    | NCB11AK-475X | C CAPACITOR    | 4.7uF 10V K       | C1698    | QFVF1HJ-105Z | MF CAPACITOR   | 1uF 50V J         |
| C1161    | NCB11AK-475X | C CAPACITOR    | 4.7uF 10V K       | C1699    | QFVF1HJ-105Z | MF CAPACITOR   | 1uF 50V J         |
| C1162    | NCB11AK-475X | C CAPACITOR    | 4.7uF 10V K       | C1701    | QENC1CM-106Z | BP E CAPACITOR | 10uF 16V M        |
| C1163    | NCB31HK-272X | C CAPACITOR    | 2700pF 50V K      | C1702    | QENC1CM-106Z | BP E CAPACITOR | 10uF 16V M        |
| C1164    | NCB31HK-473X | C CAPACITOR    | 0.047uF 50V K     | C1703    | NCB31HK-333X | C CAPACITOR    | 0.033uF 50V K     |
| C1165    | NCB11AK-335X | C CAPACITOR    | 3.3uF 10V K       | C1704    | NCB31HK-333X | C CAPACITOR    | 0.033uF 50V K     |
| C1166    | NCB11AK-475X | C CAPACITOR    | 4.7uF 10V K       | C1705    | NCB31HK-222X | C CAPACITOR    | 2200pF 50V K      |
| C1167    | NCB11AK-106X | C CAPACITOR    | 10uF 10V K        | C1706    | NCB11AK-106X | C CAPACITOR    | 10uF 10V K        |
| C1168    | NCB21CK-105X | C CAPACITOR    | 1uF 16V K         | C1707    | NCB11AK-106X | C CAPACITOR    | 10uF 10V K        |
| C1169    | NCB11AK-475X | C CAPACITOR    | 4.7uF 10V K       | C1708    | NCB21CK-105X | C CAPACITOR    | 1uF 16V K         |
| C1170    | NCB11AK-475X | C CAPACITOR    | 4.7uF 10V K       | C1709    | NCB11AK-106X | C CAPACITOR    | 10uF 10V K        |
| C1171    | NCF31CZ-104X | C CAPACITOR    | 0.1uF 16V Z       | C1710    | QETN1CM-107Z | E CAPACITOR    | 100uF 16V M       |
| C1172    | NCF31CZ-104X | C CAPACITOR    | 0.1uF 16V Z       | C1711    | NCB31CK-683X | C CAPACITOR    | 0.068uF 16V K     |
| C1221    | QETN1EM-476Z | E CAPACITOR    | 47uF 25V M        | C1712    | NCB21CK-105X | C CAPACITOR    | 1uF 16V K         |
| C1222    | NCF31CZ-104X | C CAPACITOR    | 0.1uF 16V Z       | C1713    | NCB11AK-106X | C CAPACITOR    | 10uF 10V K        |
| C1257    | QETN1HM-105Z | E CAPACITOR    | 1uF 50V M         | C1714    | NCB31EK-104X | C CAPACITOR    | 0.1uF 25V K       |
| C1258    | QETN1HM-105Z | E CAPACITOR    | 1uF 50V M         | C1715    | NCB31HK-223X | C CAPACITOR    | 0.022uF 50V K     |
| C1259    | QETN1CM-107Z | E CAPACITOR    | 100uF 16V M       | C1716    | NCB11AK-106X | C CAPACITOR    | 10uF 10V K        |
| C1260    | QETN1HM-106Z | E CAPACITOR    | 10uF 50V M        | C1717    | NCB21CK-124X | C CAPACITOR    | 0.12uF 16V K      |
| C1261    | NCF31CZ-104X | C CAPACITOR    | 0.1uF 16V Z       | C1718    | NCB31CK-224X | C CAPACITOR    | 0.22uF 16V K      |
| C1262    | QENC1HM-475Z | BP E CAPACITOR | 4.7uF 50V M       | C1719    | NCB21CK-124X | C CAPACITOR    | 0.12uF 16V K      |
| C1263    | QENC1HM-475Z | BP E CAPACITOR | 4.7uF 50V M       | C1720    | QETN1CM-107Z | E CAPACITOR    | 100uF 16V M       |
| C1291    | NDC31HJ-100X | C CAPACITOR    | 10pF 50V J        | C1721    | NCB11AK-106X | C CAPACITOR    | 10uF 10V K        |
| C1292    | NDC31HJ-100X | C CAPACITOR    | 10pF 50V J        | C1722    | QETN1HM-105Z | E CAPACITOR    | 1uF 50V M         |
| C1293    | NCF31CZ-104X | C CAPACITOR    | 0.1uF 16V Z       | C1723    | QETN1HM-336Z | E CAPACITOR    | 33uF 50V M        |
| C1294    | QETN1CM-107Z | E CAPACITOR    | 100uF 16V M       |          |              |                |                   |
| C1295    | QETN1CM-107Z | E CAPACITOR    | 100uF 16V M       | R1001    | NRSA63J-473X | MG RESISTOR    | 47kΩ 1/16W J      |
| C1296    | NCF31CZ-104X | C CAPACITOR    | 0.1uF 16V Z       | R1002    | NRSA63J-0R0X | MG RESISTOR    | 0Ω 1/16W J        |
| C1301    | QETN1HM-106Z | E CAPACITOR    | 10uF 50V M        | R1003    | NRSA63J-221X | MG RESISTOR    | 220Ω 1/16W J      |
| C1302    | NDC31HJ-100X | C CAPACITOR    | 10pF 50V J        | R1004    | NRSA63J-221X | MG RESISTOR    | 220Ω 1/16W J      |
| C1303    | NDC31HJ-100X | C CAPACITOR    | 10pF 50V J        | R1015    | NRSA63J-0R0X | MG RESISTOR    | 0Ω 1/16W J        |
| C1304    | NDC31HJ-100X | C CAPACITOR    | 10pF 50V J        | R1140    | NRSA63J-225X | MG RESISTOR    | 2.2MΩ 1/16W J     |
| C1305    | NDC31HJ-100X | C CAPACITOR    | 10pF 50V J        | R1141    | NRSA63J-221X | MG RESISTOR    | 220Ω 1/16W J      |
| C1306    | NDC31HJ-100X | C CAPACITOR    | 10pF 50V J        | R1142    | NRSA63J-221X | MG RESISTOR    | 220Ω 1/16W J      |
| C1307    | NDC31HJ-100X | C CAPACITOR    | 10pF 50V J        | R1143    | NRSA63J-105X | MG RESISTOR    | 1MΩ 1/16W J       |
| C1621    | NCB31HK-332X | C CAPACITOR    | 3300pF 50V K      | R1144    | NRSA63J-104X | MG RESISTOR    | 100kΩ 1/16W J     |
| C1622    | NCB31EK-104X | C CAPACITOR    | 0.1uF 25V K       | R1145    | NRSA63J-123X | MG RESISTOR    | 12kΩ 1/16W J      |
| C1623    | QETN1HM-226Z | E CAPACITOR    | 22uF 50V M        | R1146    | NRSA63J-102X | MG RESISTOR    | 1kΩ 1/16W J       |
| C1624    | NCB31HK-222X | C CAPACITOR    | 2200pF 50V K      | R1147    | NRSA63J-683X | MG RESISTOR    | 68kΩ 1/16W J      |
| C1625    | NCB31CK-104X | C CAPACITOR    | 0.1uF 16V K       | R1149    | NRSA63J-332X | MG RESISTOR    | 3.3kΩ 1/16W J     |
| C1626    | NCB31HK-222X | C CAPACITOR    | 2200pF 50V K      | R1151    | NRSA63J-302X | MG RESISTOR    | 3kΩ 1/16W J       |
| C1627    | NCB31EK-104X | C CAPACITOR    | 0.1uF 25V K       | R1152    | NRSA63J-392X | MG RESISTOR    | 3.9kΩ 1/16W J     |
| C1628    | QETN1HM-226Z | E CAPACITOR    | 22uF 50V M        | R1221    | NRSA63J-101X | MG RESISTOR    | 100Ω 1/16W J      |
| C1629    | NCB31HK-222X | C CAPACITOR    | 2200pF 50V K      | R1222    | NRSA63J-101X | MG RESISTOR    | 100Ω 1/16W J      |
| C1630    | NCB31CK-104X | C CAPACITOR    | 0.1uF 16V K       | R1228    | NRSA63J-102X | MG RESISTOR    | 1kΩ 1/16W J       |
| C1631    | NCB31HK-222X | C CAPACITOR    | 2200pF 50V K      | R1229    | NRSA63J-332X | MG RESISTOR    | 3.3kΩ 1/16W J     |
| C1632    | NCB31HK-332X | C CAPACITOR    | 3300pF 50V K      | R1231    | NRSA63J-0R0X | MG RESISTOR    | 0Ω 1/16W J        |
| C1633    | NCB11EK-105X | C CAPACITOR    | 1uF 25V K         | R1261    | NRSA63J-152X | MG RESISTOR    | 1.5kΩ 1/16W J     |
| C1641    | QENC1CM-106Z | BP E CAPACITOR | 10uF 16V M        | R1262    | NRSA63J-152X | MG RESISTOR    | 1.5kΩ 1/16W J     |
| C1642    | NCB31CK-473X | C CAPACITOR    | 0.047uF 16V K     | R1265    | NRSA63J-103X | MG RESISTOR    | 10kΩ 1/16W J      |
| C1643    | NCB31CK-223X | C CAPACITOR    | 0.022uF 16V K     | R1266    | NRSA63J-332X | MG RESISTOR    | 3.3kΩ 1/16W J     |
| C1645    | NCF31CZ-104X | C CAPACITOR    | 0.1uF 16V Z       | R1267    | NRSA63J-104X | MG RESISTOR    | 100kΩ 1/16W J     |
| C1646    | QETN1EM-476Z | E CAPACITOR    | 47uF 25V M        | R1268    | NRSA63J-103X | MG RESISTOR    | 10kΩ 1/16W J      |
| C1647    | QETN1HM-226Z | E CAPACITOR    | 22uF 50V M        | R1269    | NRSA63J-332X | MG RESISTOR    | 3.3kΩ 1/16W J     |
| C1648    | QETN1HM-106Z | E CAPACITOR    | 10uF 50V M        | R1270    | NRSA63J-223X | MG RESISTOR    | 22kΩ 1/16W J      |
| C1651    | QENC1CM-106Z | BP E CAPACITOR | 10uF 16V M        | R1271    | NRSA63J-682X | MG RESISTOR    | 6.8kΩ 1/16W J     |
| C1652    | NCB31CK-473X | C CAPACITOR    | 0.047uF 16V K     | R1272    | NRSA63J-562X | MG RESISTOR    | 5.6kΩ 1/16W J     |
| C1653    | NCB31CK-223X | C CAPACITOR    | 0.022uF 16V K     | R1273    | NRSA63J-472X | MG RESISTOR    | 4.7kΩ 1/16W J     |
| C1661    | NCB11EK-105X | C CAPACITOR    | 1uF 25V K         | R1274    | NRSA63J-472X | MG RESISTOR    | 4.7kΩ 1/16W J     |
| C1662    | NCB11EK-105X | C CAPACITOR    | 1uF 25V K         | R1275    | NRSA63J-153X | MG RESISTOR    | 15kΩ 1/16W J      |
| C1663    | NCB31EK-104X | C CAPACITOR    | 0.1uF 25V K       | R1276    | NRSA63J-153X | MG RESISTOR    | 15kΩ 1/16W J      |
| C1664    | QETN1HM-226Z | E CAPACITOR    | 22uF 50V M        | R1277    | NRSA63J-123X | MG RESISTOR    | 12kΩ 1/16W J      |
| C1665    | NCB31EK-104X | C CAPACITOR    | 0.1uF 25V K       | R1278    | NRSA63J-123X | MG RESISTOR    | 12kΩ 1/16W J      |
| C1666    | QETN1HM-226Z | E CAPACITOR    | 22uF 50V M        | R1279    | NRSA63J-103X | MG RESISTOR    | 10kΩ 1/16W J      |
| C1667    | NCB31EK-104X | C CAPACITOR    | 0.1uF 25V K       | R1280    | NRSA63J-103X | MG RESISTOR    | 10kΩ 1/16W J      |
| C1668    | NDC31HJ-561X | C CAPACITOR    | 560pF 50V J       | R1291    | NRSA63J-332X | MG RESISTOR    | 3.3kΩ 1/16W J     |
| C1669    | QFVF1HJ-224Z | MF CAPACITOR   | 0.22uF 50V J      | R1292    | NRSA63J-332X | MG RESISTOR    | 3.3kΩ 1/16W J     |

| △Ref No. | Part No.      | Part Name       | Description Local |
|----------|---------------|-----------------|-------------------|
| R1301    | NRSA63J-750X  | MG RESISTOR     | 75Ω 1/16W J       |
| R1611    | NRSA63J-563X  | MG RESISTOR     | 56kΩ 1/16W J      |
| R1612    | NRSA63J-563X  | MG RESISTOR     | 56kΩ 1/16W J      |
| R1613    | NRSA63J-102X  | MG RESISTOR     | 1kΩ 1/16W J       |
| R1614    | NRSA63J-104X  | MG RESISTOR     | 100kΩ 1/16W J     |
| R1615    | NRSA63J-563X  | MG RESISTOR     | 56kΩ 1/16W J      |
| R1616    | NRSA63J-153X  | MG RESISTOR     | 15kΩ 1/16W J      |
| R1619    | NRSA63J-0R0X  | MG RESISTOR     | 0Ω 1/16W J        |
| R1621    | NRSA63J-101X  | MG RESISTOR     | 100Ω 1/16W J      |
| R1622    | NRSA63J-103X  | MG RESISTOR     | 10kΩ 1/16W J      |
| R1623    | NRSA63J-392X  | MG RESISTOR     | 3.9kΩ 1/16W J     |
| R1624    | QRJ146J-102X  | UNF C RESISTOR  | 1kΩ 1/4W J        |
| R1625    | NRSA63J-102X  | MG RESISTOR     | 1kΩ 1/16W J       |
| R1626    | NRSA63J-332X  | MG RESISTOR     | 3.3kΩ 1/16W J     |
| R1627    | NRSA63J-104X  | MG RESISTOR     | 100kΩ 1/16W J     |
| R1628    | NRSA63J-0R0X  | MG RESISTOR     | 0Ω 1/16W J        |
| R1629    | NRSA63J-104X  | MG RESISTOR     | 100kΩ 1/16W J     |
| R1630    | NRSA63J-332X  | MG RESISTOR     | 3.3kΩ 1/16W J     |
| R1631    | NRSA63J-102X  | MG RESISTOR     | 1kΩ 1/16W J       |
| R1632    | NRSA63J-392X  | MG RESISTOR     | 3.9kΩ 1/16W J     |
| R1633    | NRSA63J-151X  | MG RESISTOR     | 150Ω 1/16W J      |
| R1634    | NRSA63J-103X  | MG RESISTOR     | 10kΩ 1/16W J      |
| R1641    | NRSA63J-102X  | MG RESISTOR     | 1kΩ 1/16W J       |
| R1642    | NRSA63J-223X  | MG RESISTOR     | 22kΩ 1/16W J      |
| R1643    | NRSA63J-223X  | MG RESISTOR     | 22kΩ 1/16W J      |
| R1646    | NRSA63J-0R0X  | MG RESISTOR     | 0Ω 1/16W J        |
| R1648    | NRSA63J-0R0X  | MG RESISTOR     | 0Ω 1/16W J        |
| R1649    | NRSA63J-103X  | MG RESISTOR     | 10kΩ 1/16W J      |
| R1651    | NRSA63J-102X  | MG RESISTOR     | 1kΩ 1/16W J       |
| R1652    | NRSA63J-223X  | MG RESISTOR     | 22kΩ 1/16W J      |
| R1653    | NRSA63J-223X  | MG RESISTOR     | 22kΩ 1/16W J      |
| R1661    | NRSA63J-102X  | MG RESISTOR     | 1kΩ 1/16W J       |
| R1662    | NRSA63J-102X  | MG RESISTOR     | 1kΩ 1/16W J       |
| R1663    | NRSA63J-393X  | MG RESISTOR     | 39kΩ 1/16W J      |
| R1664    | NRSA63J-0R0X  | MG RESISTOR     | 0Ω 1/16W J        |
| R1665    | NRSA63J-393X  | MG RESISTOR     | 39kΩ 1/16W J      |
| △R1666   | QRK126J-5R6X  | UNF C RESISTOR  | 5.6Ω 1/2W J       |
| △R1667   | QRK126J-220X  | UNF C RESISTOR  | 22Ω 1/2W J        |
| △R1668   | QRK126J-5R6X  | UNF C RESISTOR  | 5.6Ω 1/2W J       |
| △R1669   | QRK126J-220X  | UNF C RESISTOR  | 22Ω 1/2W J        |
| R1670    | NRSA63J-153X  | MG RESISTOR     | 15kΩ 1/16W J      |
| R1671    | NRSA63J-103X  | MG RESISTOR     | 10kΩ 1/16W J      |
| R1673    | NRSA63J-222X  | MG RESISTOR     | 2.2kΩ 1/16W J     |
| R1674    | NRSA63J-472X  | MG RESISTOR     | 4.7kΩ 1/16W J     |
| R1675    | NRSA63J-273X  | MG RESISTOR     | 27kΩ 1/16W J      |
| R1676    | NRSA63J-102X  | MG RESISTOR     | 1kΩ 1/16W J       |
| R1677    | NRSA63J-102X  | MG RESISTOR     | 1kΩ 1/16W J       |
| R1688    | NRSA63J-103X  | MG RESISTOR     | 10kΩ 1/16W J      |
| R1689    | NRSA63J-333X  | MG RESISTOR     | 33kΩ 1/16W J      |
| R1701    | NRSA63J-183X  | MG RESISTOR     | 18kΩ 1/16W J      |
| R1702    | NRSA63J-183X  | MG RESISTOR     | 18kΩ 1/16W J      |
| R1703    | NRSA63J-103X  | MG RESISTOR     | 10kΩ 1/16W J      |
| R1704    | NRSA63J-103X  | MG RESISTOR     | 10kΩ 1/16W J      |
| R1705    | NRSA63J-223X  | MG RESISTOR     | 22kΩ 1/16W J      |
| R1706    | NRSA63J-222X  | MG RESISTOR     | 2.2kΩ 1/16W J     |
| R1707    | NRSA63J-222X  | MG RESISTOR     | 2.2kΩ 1/16W J     |
| R1709    | NRSA63J-103X  | MG RESISTOR     | 10kΩ 1/16W J      |
| R1710    | NRSA63J-103X  | MG RESISTOR     | 10kΩ 1/16W J      |
| R1711    | NRSA63J-102X  | MG RESISTOR     | 1kΩ 1/16W J       |
| R1712    | NRSA63J-222X  | MG RESISTOR     | 2.2kΩ 1/16W J     |
| R1713    | NRSA63J-224X  | MG RESISTOR     | 220kΩ 1/16W J     |
| R1714    | NRSA63J-224X  | MG RESISTOR     | 220kΩ 1/16W J     |
| R1715    | NRSA63J-184X  | MG RESISTOR     | 180kΩ 1/16W J     |
| R1716    | QRJ146J-101X  | UNF C RESISTOR  | 100Ω 1/4W J       |
| R1717    | NRSA63J-223X  | MG RESISTOR     | 22kΩ 1/16W J      |
| R1718    | NRSA63J-223X  | MG RESISTOR     | 22kΩ 1/16W J      |
| R1719    | NRSA63J-333X  | MG RESISTOR     | 33kΩ 1/16W J      |
| R1720    | NRSA63J-102X  | MG RESISTOR     | 1kΩ 1/16W J       |
| R1721    | NRSA63J-331X  | MG RESISTOR     | 330Ω 1/16W J      |
| R1722    | NRSA63J-104X  | MG RESISTOR     | 100kΩ 1/16W J     |
| L1001    | NQL79GM-100X  | COIL            | 10uH M            |
| L1002    | NQL79GM-100X  | COIL            | 10uH M            |
| L1661    | QQL28AK-560   | COIL            | 56uH K            |
| L1662    | QQL28AK-560   | COIL            | 56uH K            |
| CN100F   | QGF0508C1-50W | CONNECTOR       | FFC/FPC (1-50)    |
| CN100T   | QGF0508F1-40X | CONNECTOR       | FFC/FPC (1-40)    |
| CN10FC   | QGF0508C1-30W | CONNECTOR       | FFC/FPC (1-30)    |
| CN10PC   | WJK0202-001A  | E-SI C WIRE C-C |                   |
| K1601    | QQR0621-002Z  | FERRITE BEADS   |                   |
| K1602    | QQR0621-002Z  | FERRITE BEADS   |                   |
| K1603    | NQR0413-002X  | FERRITE BEADS   |                   |
| K1604    | NQR0413-002X  | FERRITE BEADS   |                   |
| K1605    | NQR0413-002X  | FERRITE BEADS   |                   |
| K1606    | NQR0413-002X  | FERRITE BEADS   |                   |
| LC1301   | QQR1199-001   | EMI FILTER      |                   |

| △Ref No.                                                    | Part No.    | Part Name             | Description Local |
|-------------------------------------------------------------|-------------|-----------------------|-------------------|
| △TU1001                                                     | QAU0378-001 | TUNER                 |                   |
| <b>ATSC TUNER MODULE P.W. BOARD ASS'Y<br/>(SSD2104A-M2)</b> |             |                       |                   |
| △Ref No.                                                    | Part No.    | Part Name             | Description Local |
| △MD001                                                      | SSD2104A-M2 | ATSC TUNER MODULE PWB |                   |

PRINTED WIRING BOARD PARTS LIST [HD-61Z886]

ANALOG SIGNAL P.W. BOARD ASS'Y  
(SRP-1022A-M2)

REFER TO PARTS LIST IN PAGE 3-14 FOR THIS P.W. BOARD.

REGULATOR P.W. BOARD ASS'Y (SRP-2022A-M2)

REFER TO PARTS LIST IN PAGE 3-16 FOR THIS P.W. BOARD.

MAIN DRIVE P.W. BOARD ASS'Y (SRP-3006A-M2)

REFER TO PARTS LIST IN PAGE 3-17 FOR THIS P.W. BOARD.

REMOTE SENSOR P.W. BOARD ASSY  
(SRP-8005A-M2)

REFER TO PARTS LIST IN PAGE 3-21 FOR THIS P.W. BOARD.

FAN CONTROL P.W. BOARD ASS'Y (SRP-8106A-M2)

REFER TO PARTS LIST IN PAGE 3-21 FOR THIS P.W. BOARD.

TEMP SENSOR P.W. BOARD ASS'Y (SRP-8206A-M2)

REFER TO PARTS LIST IN PAGE 3-22 FOR THIS P.W. BOARD.

SD CARD P.W. BOARD ASS'Y (SRP-8510A-M2)

REFER TO PARTS LIST IN PAGE 3-22 FOR THIS P.W. BOARD.

POWER P.W. BOARD ASS'Y (SRP-9021A-M2)

REFER TO PARTS LIST IN PAGE 3-22 FOR THIS P.W. BOARD.

DIGITAL SIGNAL P.W. BOARD ASS'Y  
(SRP0D022A-M2)

| △Ref No. | Part No.        | Part Name | Description | Local |
|----------|-----------------|-----------|-------------|-------|
| IC0401   | SN74AHCT1G32V-X | IC        |             |       |
| IC1001   | TC90A92AFG      | IC        |             |       |
| IC1002   | MM1572FN-X      | IC        |             |       |
| IC1003   | R1141Q151D-X    | IC        |             |       |
| IC1005   | ML87V2105TBZ03A | IC        |             |       |
| IC1502   | NJM2235V-X      | IC        |             |       |
| IC3001   | JCC5055         | IC        |             |       |
| IC3004   | TC7MB3257FK-X   | IC        |             |       |
| IC3005   | SN74LVC1G08V-X  | IC        |             |       |
| IC3006   | SN74LVC2G126T-X | IC        |             |       |
| IC3008   | R1141Q331B-X    | IC        |             |       |
| IC3403   | S-80928CLNB-W   | IC        |             |       |
| IC3501   | HY5DU283222AQ-5 | IC        |             |       |
| IC3502   | K4D263238F-UC50 | IC        |             |       |
| IC3503   | LP2996MR-X      | IC        |             |       |
| IC4001   | JCC5057         | IC        |             |       |
| IC4003   | AT29LV01-61Z786 | IC        | (SERVICE)   |       |
| IC4004   | ATF256-61Z786-1 | IC        | (SERVICE)   |       |
| IC4005   | SN74LVC1G08V-X  | IC        |             |       |
| IC6502   | THC63LVD83R-W   | IC        |             |       |
| IC7001   | MN102H60KPF1    | IC(MCU)   |             |       |
| IC7002   | ATF256-61Z786-2 | IC        | (SERVICE)   |       |
| IC7003   | SN74AHC2G241T-X | IC        |             |       |
| IC7401   | S-80928CLNB-W   | IC        |             |       |
| IC7601   | M306V7MG-119FP  | IC(MCU)   |             |       |
| IC7602   | ATF16-61Z786    | IC        | (SERVICE)   |       |
| IC7603   | SN74LVC1G04V-X  | IC        |             |       |
| IC7607   | MM1510XN-X      | IC        |             |       |

| △Ref No. | Part No.        | Part Name       | Description | Local |
|----------|-----------------|-----------------|-------------|-------|
| IC7608   | MM1510XN-X      | IC              |             |       |
| IC7609   | SN74AHCT1G08V-X | IC              |             |       |
| IC9201   | MP1580HS-X      | IC              |             |       |
| Q0101    | 2SC3837K/NP/-X  | TRANSISTOR      |             |       |
| Q0102    | 2SA1022/BC/-X   | TRANSISTOR      |             |       |
| Q0104    | 2SA1022/BC/-X   | TRANSISTOR      |             |       |
| Q0107    | 2SA1530A/QR/-X  | TRANSISTOR      |             |       |
| Q0108    | 2SC3928A/QR/-X  | TRANSISTOR      |             |       |
| Q0109    | HN1C01F/Y/-X    | PAIR TRANSISTOR |             |       |
| Q0110    | HN1C01F/Y/-X    | PAIR TRANSISTOR |             |       |
| Q0201    | 2SC3837K/NP/-X  | TRANSISTOR      |             |       |
| Q0202    | 2SA1022/BC/-X   | TRANSISTOR      |             |       |
| Q0203    | 2SC3928A/QR/-X  | TRANSISTOR      |             |       |
| Q0204    | 2SA1022/BC/-X   | TRANSISTOR      |             |       |
| Q0206    | 2SC3928A/QR/-X  | TRANSISTOR      |             |       |
| Q0207    | 2SA1530A/QR/-X  | TRANSISTOR      |             |       |
| Q0208    | 2SC3928A/QR/-X  | TRANSISTOR      |             |       |
| Q0209    | HN1C01F/Y/-X    | PAIR TRANSISTOR |             |       |
| Q0210    | HN1C01F/Y/-X    | PAIR TRANSISTOR |             |       |
| Q0301    | 2SC3837K/NP/-X  | TRANSISTOR      |             |       |
| Q0302    | 2SA1022/BC/-X   | TRANSISTOR      |             |       |
| Q0303    | 2SC3928A/QR/-X  | TRANSISTOR      |             |       |
| Q0304    | 2SA1022/BC/-X   | TRANSISTOR      |             |       |
| Q0306    | 2SC3928A/QR/-X  | TRANSISTOR      |             |       |
| Q0307    | 2SA1530A/QR/-X  | TRANSISTOR      |             |       |
| Q0308    | 2SC3928A/QR/-X  | TRANSISTOR      |             |       |
| Q0309    | HN1C01F/Y/-X    | PAIR TRANSISTOR |             |       |
| Q0310    | HN1C01F/Y/-X    | PAIR TRANSISTOR |             |       |
| Q0311    | 2SC3928A/QR/-X  | TRANSISTOR      |             |       |
| Q1001    | UN2213-X        | DIGI TRANSISTOR |             |       |
| Q1003    | 2SC3928A/QR/-X  | TRANSISTOR      |             |       |
| Q1004    | 2SC3928A/QR/-X  | TRANSISTOR      |             |       |
| Q1005    | 2SK1228-X       | MOS FET         |             |       |
| Q1006    | 2SK1228-X       | MOS FET         |             |       |
| Q1101    | 2SC3928A/QR/-X  | TRANSISTOR      |             |       |
| Q1103    | 2SA1530A/QR/-X  | TRANSISTOR      |             |       |
| Q1201    | 2SC3928A/QR/-X  | TRANSISTOR      |             |       |
| Q1203    | 2SA1530A/QR/-X  | TRANSISTOR      |             |       |
| Q1301    | 2SC3928A/QR/-X  | TRANSISTOR      |             |       |
| Q1303    | 2SA1530A/QR/-X  | TRANSISTOR      |             |       |
| Q1401    | 2SC3928A/QR/-X  | TRANSISTOR      |             |       |
| Q1403    | 2SA1530A/QR/-X  | TRANSISTOR      |             |       |
| Q3001    | 2SC3928A/QR/-X  | TRANSISTOR      |             |       |
| Q3002    | 2SA1530A/QR/-X  | TRANSISTOR      |             |       |
| Q3003    | 2SC3928A/QR/-X  | TRANSISTOR      |             |       |
| Q3004    | 2SA1530A/QR/-X  | TRANSISTOR      |             |       |
| Q7206    | UN2213-X        | DIGI TRANSISTOR |             |       |
| Q7207    | UN2113-X        | DIGI TRANSISTOR |             |       |
| D1001    | EC30HA03L-X     | SB DIODE        |             |       |
| D1002    | EC30HA03L-X     | SB DIODE        |             |       |
| D2101    | MA111-X         | SI DIODE        |             |       |
| D2103    | MA111-X         | SI DIODE        |             |       |
| D7001    | MA111-X         | SI DIODE        |             |       |
| D7002    | MA8051/M/-X     | Z DIODE         |             |       |
| D7003    | MA111-X         | SI DIODE        |             |       |
| D7005    | MA8082/M/-X     | Z DIODE         |             |       |
| D7006    | MA8082/M/-X     | Z DIODE         |             |       |
| D7007    | MA8082/M/-X     | Z DIODE         |             |       |
| D7008    | MA8082/M/-X     | Z DIODE         |             |       |
| D7009    | MA8082/M/-X     | Z DIODE         |             |       |
| D7203    | MA111-X         | SI DIODE        |             |       |
| D7204    | MA111-X         | SI DIODE        |             |       |
| D7601    | MA111-X         | SI DIODE        |             |       |
| D9201    | EC30HA03L-X     | SB DIODE        |             |       |
| D9203    | PTZ3.9B-X       | Z DIODE         |             |       |
| D9204    | 1SS355-X        | SI DIODE        |             |       |
| C0104    | NDC31HJ-390X    | C CAPACITOR     | 39pF 50V J  |       |
| C0105    | NDC31HJ-330X    | C CAPACITOR     | 33pF 50V J  |       |
| C0107    | NCB31CK-104X    | C CAPACITOR     | 0.1uF 16V K |       |
| C0109    | NCB11AK-106X    | C CAPACITOR     | 10uF 10V K  |       |
| C0110    | NCB11AK-106X    | C CAPACITOR     | 10uF 10V K  |       |
| C0111    | NDC31HJ-820X    | C CAPACITOR     | 82pF 50V J  |       |
| C0112    | NDC31HJ-820X    | C CAPACITOR     | 82pF 50V J  |       |
| C0113    | NCB11AK-106X    | C CAPACITOR     | 10uF 10V K  |       |
| C0114    | NCB31CK-104X    | C CAPACITOR     | 0.1uF 16V K |       |
| C0115    | NCB31CK-104X    | C CAPACITOR     | 0.1uF 16V K |       |
| C0116    | NCB11AK-106X    | C CAPACITOR     | 10uF 10V K  |       |
| C0117    | NDC31HJ-560X    | C CAPACITOR     | 56pF 50V J  |       |
| C0119    | NDC31HJ-470X    | C CAPACITOR     | 47pF 50V J  |       |
| C0204    | NDC31HJ-390X    | C CAPACITOR     | 39pF 50V J  |       |
| C0205    | NDC31HJ-330X    | C CAPACITOR     | 33pF 50V J  |       |

| △Ref No. | Part No.     | Part Name      | Description Local | △Ref No. | Part No.       | Part Name      | Description Local |
|----------|--------------|----------------|-------------------|----------|----------------|----------------|-------------------|
| C0206    | NDC31HJ-390X | C CAPACITOR    | 39pF 50V J        | C1066    | NBE40JM-476X   | TA E CAPACITOR | 47uF 6.3V M       |
| C0207    | NCB31CK-104X | C CAPACITOR    | 0.1uF 16V K       | C1067    | NCB30JK-105X   | C CAPACITOR    | 1uF 6.3V K        |
| C0209    | NCB11AK-106X | C CAPACITOR    | 10uF 10V K        | C1068    | NBE40JM-476X   | TA E CAPACITOR | 47uF 6.3V M       |
| C0210    | NCB11AK-106X | C CAPACITOR    | 10uF 10V K        | C1069    | NCB21AK-225X   | C CAPACITOR    | 2.2uF 10V K       |
| C0211    | NDC31HJ-820X | C CAPACITOR    | 82pF 50V J        | C1071    | NBE20GM-106X   | TA E CAPACITOR | 10uF 4V M         |
| C0212    | NDC31HJ-820X | C CAPACITOR    | 82pF 50V J        | C1072    | NBE20GM-106X   | TA E CAPACITOR | 10uF 4V M         |
| C0213    | NCB11AK-106X | C CAPACITOR    | 10uF 10V K        | C1073    | NBE40JM-476X   | TA E CAPACITOR | 47uF 6.3V M       |
| C0214    | NCB31CK-104X | C CAPACITOR    | 0.1uF 16V K       | C1074    | NBE40JM-476X   | TA E CAPACITOR | 47uF 6.3V M       |
| C0215    | NCB31CK-104X | C CAPACITOR    | 0.1uF 16V K       | C1075    | NBE40JM-476X   | TA E CAPACITOR | 47uF 6.3V M       |
| C0217    | NDC31HJ-560X | C CAPACITOR    | 56pF 50V J        | C1076    | NBE20GM-106X   | TA E CAPACITOR | 10uF 4V M         |
| C0219    | NDC31HJ-470X | C CAPACITOR    | 47pF 50V J        | C1077    | NEHM1CM-476X   | E CAPACITOR    | 47uF 16V M        |
| C0304    | NDC31HJ-390X | C CAPACITOR    | 39pF 50V J        | C1081    | NCB31CK-103X   | C CAPACITOR    | 0.01uF 16V K      |
| C0305    | NDC31HJ-330X | C CAPACITOR    | 33pF 50V J        | C1082    | NCB31CK-103X   | C CAPACITOR    | 0.01uF 16V K      |
| C0306    | NDC31HJ-390X | C CAPACITOR    | 39pF 50V J        | C1083    | NCB31CK-103X   | C CAPACITOR    | 0.01uF 16V K      |
| C0307    | NCB31CK-104X | C CAPACITOR    | 0.1uF 16V K       | C1084    | NCB31CK-103X   | C CAPACITOR    | 0.01uF 16V K      |
| C0309    | NCB11AK-106X | C CAPACITOR    | 10uF 10V K        | C1085    | NCB31CK-103X   | C CAPACITOR    | 0.01uF 16V K      |
| C0310    | NCB11AK-106X | C CAPACITOR    | 10uF 10V K        | C1086    | NCB31CK-103X   | C CAPACITOR    | 0.01uF 16V K      |
| C0311    | NDC31HJ-820X | C CAPACITOR    | 82pF 50V J        | C1087    | NCB31CK-103X   | C CAPACITOR    | 0.01uF 16V K      |
| C0312    | NDC31HJ-820X | C CAPACITOR    | 82pF 50V J        | C1102    | NDC31HJ-330X   | C CAPACITOR    | 33pF 50V J        |
| C0313    | NCB11AK-106X | C CAPACITOR    | 10uF 10V K        | C1103    | NDC31HJ-680X   | C CAPACITOR    | 68pF 50V J        |
| C0314    | NCB31CK-104X | C CAPACITOR    | 0.1uF 16V K       | C1104    | NDC31HJ-560X   | C CAPACITOR    | 56pF 50V J        |
| C0315    | NCB31CK-104X | C CAPACITOR    | 0.1uF 16V K       | C1105    | NCF11CZ-475X   | C CAPACITOR    | 4.7uF 16V Z       |
| C0317    | NDC31HJ-560X | C CAPACITOR    | 56pF 50V J        | C1106    | NCB31CK-104X   | C CAPACITOR    | 0.1uF 16V K       |
| C0319    | NDC31HJ-470X | C CAPACITOR    | 47pF 50V J        | C1107    | NDC31HJ-560X   | C CAPACITOR    | 56pF 50V J        |
| C0401    | NCB31CK-104X | C CAPACITOR    | 0.1uF 16V K       | C1109    | NDC31HJ-151X   | C CAPACITOR    | 150pF 50V J       |
| C0501    | NRSA63J-102X | MG RESISTOR    | 1kΩ 1/16W J       | C1111    | NDC31HJ-270X   | C CAPACITOR    | 27pF 50V J        |
| C0502    | NRSA63J-102X | MG RESISTOR    | 1kΩ 1/16W J       | C1202    | NDC31HJ-330X   | C CAPACITOR    | 33pF 50V J        |
| C0504    | NRSA63J-102X | MG RESISTOR    | 1kΩ 1/16W J       | C1203    | NDC31HJ-330X   | C CAPACITOR    | 33pF 50V J        |
| C0506    | NRSA63J-332X | MG RESISTOR    | 3.3kΩ 1/16W J     | C1204    | NDC31HJ-560X   | C CAPACITOR    | 56pF 50V J        |
| C0507    | NRSA63J-102X | MG RESISTOR    | 1kΩ 1/16W J       | C1205    | NCF11CZ-475X   | C CAPACITOR    | 4.7uF 16V Z       |
| C0508    | NRSA63J-102X | MG RESISTOR    | 1kΩ 1/16W J       | C1206    | NCB31CK-104X   | C CAPACITOR    | 0.1uF 16V K       |
| C0511    | NDC31HJ-100X | C CAPACITOR    | 10pF 50V J        | C1209    | NDC31HJ-151X   | C CAPACITOR    | 150pF 50V J       |
| C0512    | NDC31HJ-100X | C CAPACITOR    | 10pF 50V J        | C1302    | NDC31HJ-101X   | C CAPACITOR    | 100pF 50V J       |
| C0513    | NDC31HJ-100X | C CAPACITOR    | 10pF 50V J        | C1303    | NDC31HJ-330X   | C CAPACITOR    | 33pF 50V J        |
| C0514    | NDC31HJ-100X | C CAPACITOR    | 10pF 50V J        | C1304    | NDC31HJ-151X   | C CAPACITOR    | 150pF 50V J       |
| C0515    | NRSA63J-222X | MG RESISTOR    | 2.2kΩ 1/16W J     | C1305    | NCF11CZ-475X   | C CAPACITOR    | 4.7uF 16V Z       |
| C0516    | NDC31HJ-100X | C CAPACITOR    | 10pF 50V J        | C1306    | NCB31CK-104X   | C CAPACITOR    | 0.1uF 16V K       |
| C0517    | NDC31HJ-100X | C CAPACITOR    | 10pF 50V J        | C1309    | NDC31HJ-151X   | C CAPACITOR    | 150pF 50V J       |
| C0518    | NDC31HJ-100X | C CAPACITOR    | 10pF 50V J        | C1311    | NDC31HJ-470X   | C CAPACITOR    | 47pF 50V J        |
| C0519    | NDC31HJ-560X | C CAPACITOR    | 56pF 50V J        | C1402    | NDC31HJ-101X   | C CAPACITOR    | 100pF 50V J       |
| C0520    | NDC31HJ-100X | C CAPACITOR    | 10pF 50V J        | C1403    | NDC31HJ-330X   | C CAPACITOR    | 33pF 50V J        |
| C1001    | NCB30JK-225X | C CAPACITOR    | 2.2uF 6.3V K      | C1404    | NDC31HJ-151X   | C CAPACITOR    | 150pF 50V J       |
| C1002    | NEHM1CM-476X | E CAPACITOR    | 47uF 16V M        | C1405    | NCF11CZ-475X   | C CAPACITOR    | 4.7uF 16V Z       |
| C1004    | NCB31CK-103X | C CAPACITOR    | 0.01uF 16V K      | C1406    | NCB31CK-104X   | C CAPACITOR    | 0.1uF 16V K       |
| C1005    | NCB31HK-152X | C CAPACITOR    | 1500pF 50V K      | C1409    | NDC31HJ-151X   | C CAPACITOR    | 150pF 50V J       |
| C1006    | NCB30JK-225X | C CAPACITOR    | 2.2uF 6.3V K      | C1411    | NDC31HJ-470X   | C CAPACITOR    | 47pF 50V J        |
| C1009    | NDC31HJ-220X | C CAPACITOR    | 22pF 50V J        | C1502    | NCJ41EK-106X-U | C CAPACITOR    | 10mF 25V K        |
| C1010    | NDC31HJ-180X | C CAPACITOR    | 18pF 50V J        | C1508    | NCF11CZ-475X   | C CAPACITOR    | 4.7uF 16V Z       |
| C1011    | NDC31HJ-102X | C CAPACITOR    | 1000pF 50V J      | C1509    | NCB31CK-103X   | C CAPACITOR    | 0.01uF 16V K      |
| C1012    | NCB31CK-103X | C CAPACITOR    | 0.01uF 16V K      | C1511    | NRSA63J-105X   | MG RESISTOR    | 1MΩ 1/16W J       |
| C1013    | NCB31CK-103X | C CAPACITOR    | 0.01uF 16V K      | C1548    | NCB31CK-104X   | C CAPACITOR    | 0.1uF 16V K       |
| C1014    | NCB31CK-103X | C CAPACITOR    | 0.01uF 16V K      | C1549    | NCB31CK-104X   | C CAPACITOR    | 0.1uF 16V K       |
| C1015    | NCB31CK-103X | C CAPACITOR    | 0.01uF 16V K      | C2001    | NCB31CK-104X   | C CAPACITOR    | 0.1uF 16V K       |
| C1016    | NCB11AK-106X | C CAPACITOR    | 10uF 10V K        | C2003    | NCB31CK-104X   | C CAPACITOR    | 0.1uF 16V K       |
| C1017    | NCB31CK-103X | C CAPACITOR    | 0.01uF 16V K      | C2004    | NCB31CK-104X   | C CAPACITOR    | 0.1uF 16V K       |
| C1018    | NCB31CK-103X | C CAPACITOR    | 0.01uF 16V K      | C2012    | NCB31CK-104X   | C CAPACITOR    | 0.1uF 16V K       |
| C1019    | NCB30JK-225X | C CAPACITOR    | 2.2uF 6.3V K      | C2013    | NCB31CK-104X   | C CAPACITOR    | 0.1uF 16V K       |
| C1021    | NCB30JK-225X | C CAPACITOR    | 2.2uF 6.3V K      | C2031    | NCB31CK-104X   | C CAPACITOR    | 0.1uF 16V K       |
| C1023    | NCB31CK-103X | C CAPACITOR    | 0.01uF 16V K      | C2036    | NDC31HJ-100X   | C CAPACITOR    | 10pF 50V J        |
| C1025    | NCB30JK-225X | C CAPACITOR    | 2.2uF 6.3V K      | C2101    | NCB21HK-104X   | C CAPACITOR    | 0.1uF 50V K       |
| C1026    | NCB30JK-225X | C CAPACITOR    | 2.2uF 6.3V K      | C2102    | NCJ41CK-226X-U | C CAPACITOR    | 22mF 16V K        |
| C1028    | NCB31CK-103X | C CAPACITOR    | 0.01uF 16V K      | C3004    | NCB31CK-104X   | C CAPACITOR    | 0.1uF 16V K       |
| C1029    | NCB31CK-103X | C CAPACITOR    | 0.01uF 16V K      | C3005    | NCB31CK-104X   | C CAPACITOR    | 0.1uF 16V K       |
| C1030    | NCB31CK-103X | C CAPACITOR    | 0.01uF 16V K      | C3006    | NCB31CK-104X   | C CAPACITOR    | 0.1uF 16V K       |
| C1031    | NCB31CK-103X | C CAPACITOR    | 0.01uF 16V K      | C3007    | NCB31CK-104X   | C CAPACITOR    | 0.1uF 16V K       |
| C1032    | NCB31CK-103X | C CAPACITOR    | 0.01uF 16V K      | C3008    | NCB31CK-104X   | C CAPACITOR    | 0.1uF 16V K       |
| C1033    | NCB31CK-103X | C CAPACITOR    | 0.01uF 16V K      | C3010    | NCB31CK-104X   | C CAPACITOR    | 0.1uF 16V K       |
| C1035    | NDC31HJ-680X | C CAPACITOR    | 68pF 50V J        | C3016    | NCB31CK-104X   | C CAPACITOR    | 0.1uF 16V K       |
| C1037    | NCB31CK-104X | C CAPACITOR    | 0.1uF 16V K       | C3018    | NCB31CK-104X   | C CAPACITOR    | 0.1uF 16V K       |
| C1038    | NCB31CK-103X | C CAPACITOR    | 0.01uF 16V K      | C3019    | NCB31CK-104X   | C CAPACITOR    | 0.1uF 16V K       |
| C1039    | NCB31CK-103X | C CAPACITOR    | 0.01uF 16V K      | C3021    | NCB31CK-104X   | C CAPACITOR    | 0.1uF 16V K       |
| C1040    | NCB31CK-103X | C CAPACITOR    | 0.01uF 16V K      | C3022    | NBZ0007-107X   | SP E CAPACITOR | 100uF 4V M        |
| C1041    | NCB10JK-106X | C CAPACITOR    | 10uF 6.3V K       | C3023    | NCB31CK-104X   | C CAPACITOR    | 0.1uF 16V K       |
| C1042    | NCB31CK-104X | C CAPACITOR    | 0.1uF 16V K       | C3025    | NCB30JK-105X   | C CAPACITOR    | 1uF 6.3V K        |
| C1043    | NCB31CK-103X | C CAPACITOR    | 0.01uF 16V K      | C3026    | NCB30JK-225X   | C CAPACITOR    | 2.2uF 6.3V K      |
| C1045    | NCB31CK-104X | C CAPACITOR    | 0.1uF 16V K       | C3028    | NDC31HJ-221X   | C CAPACITOR    | 220pF 50V J       |
| C1046    | NCB31CK-103X | C CAPACITOR    | 0.01uF 16V K      | C3030    | NCB31CK-104X   | C CAPACITOR    | 0.1uF 16V K       |
| C1047    | NCB31CK-103X | C CAPACITOR    | 0.01uF 16V K      | C3031    | NCB31CK-104X   | C CAPACITOR    | 0.1uF 16V K       |
| C1048    | NCB30JK-105X | C CAPACITOR    | 1uF 6.3V K        | C3032    | NCB31CK-104X   | C CAPACITOR    | 0.1uF 16V K       |
| C1049    | NCB31CK-103X | C CAPACITOR    | 0.01uF 16V K      | C3037    | NCB30JK-225X   | C CAPACITOR    | 2.2uF 6.3V K      |
| C1050    | NCB30JK-105X | C CAPACITOR    | 1uF 6.3V K        | C3040    | NCB31CK-104X   | C CAPACITOR    | 0.1uF 16V K       |
| C1051    | NCB30JK-105X | C CAPACITOR    | 1uF 6.3V K        | C3041    | NDC31HJ-101X   | C CAPACITOR    | 100pF 50V J       |
| C1061    | NDC31HJ-4R0X | C CAPACITOR    | 4pF 50V J         | C3042    | NCB31CK-104X   | C CAPACITOR    | 0.1uF 16V K       |
| C1062    | NBE40JM-476X | TA E CAPACITOR | 47uF 6.3V M       | C3043    | NDC31HJ-101X   | C CAPACITOR    | 100pF 50V J       |
| C1063    | NCB21AK-225X | C CAPACITOR    | 2.2uF 10V K       | C3044    | NCB31CK-104X   | C CAPACITOR    | 0.1uF 16V K       |
| C1064    | NCB31CK-103X | C CAPACITOR    | 0.01uF 16V K      | C3045    | NCB31CK-104X   | C CAPACITOR    | 0.1uF 16V K       |
| C1065    | NCB30JK-105X | C CAPACITOR    | 1uF 6.3V K        | C3047    | NCB31CK-104X   | C CAPACITOR    | 0.1uF 16V K       |

| △Ref No. | Part No.       | Part Name      | Description Local | △Ref No. | Part No.       | Part Name   | Description Local |
|----------|----------------|----------------|-------------------|----------|----------------|-------------|-------------------|
| C3049    | NCB31CK-104X   | C CAPACITOR    | 0.1uF 16V K       | C4029    | NDC31HJ-470X   | C CAPACITOR | 47pF 50V J        |
| C3051    | NCB31HK-472X   | C CAPACITOR    | 4700pF 50V K      | C4030    | NDC31HJ-470X   | C CAPACITOR | 47pF 50V J        |
| C3052    | NCB31AK-334X   | C CAPACITOR    | 0.33uF 10V K      | C4906    | NCB31CK-104X   | C CAPACITOR | 0.1uF 16V K       |
| C3056    | NCB31AK-334X   | C CAPACITOR    | 0.33uF 10V K      | C4908    | NCB31CK-104X   | C CAPACITOR | 0.1uF 16V K       |
| C3059    | NCB31HK-223X   | C CAPACITOR    | 0.022uF 50V K     | C4916    | NCB31CK-104X   | C CAPACITOR | 0.1uF 16V K       |
| C3060    | NCB31HK-152X   | C CAPACITOR    | 1500pF 50V K      | C4920    | NCB31CK-104X   | C CAPACITOR | 0.1uF 16V K       |
| C3063    | NCB31CK-104X   | C CAPACITOR    | 0.1uF 16V K       | C4925    | NCB31CK-104X   | C CAPACITOR | 0.1uF 16V K       |
| C3065    | NCB31CK-104X   | C CAPACITOR    | 0.1uF 16V K       | C4926    | NCF31AZ-105X   | C CAPACITOR | 1uF 10V Z         |
| C3066    | NCB31CK-104X   | C CAPACITOR    | 0.1uF 16V K       | C4932    | NCB31CK-104X   | C CAPACITOR | 0.1uF 16V K       |
| C3067    | NCB31CK-104X   | C CAPACITOR    | 0.1uF 16V K       | C4933    | NCB31CK-104X   | C CAPACITOR | 0.1uF 16V K       |
| C3068    | NCB31CK-104X   | C CAPACITOR    | 0.1uF 16V K       | C4935    | NCB31CK-104X   | C CAPACITOR | 0.1uF 16V K       |
| C3069    | NCB31CK-104X   | C CAPACITOR    | 0.1uF 16V K       | C4951    | NCB31CK-104X   | C CAPACITOR | 0.1uF 16V K       |
| C3070    | NCB31CK-104X   | C CAPACITOR    | 0.1uF 16V K       | C4952    | NCB31CK-104X   | C CAPACITOR | 0.1uF 16V K       |
| C3071    | NCB31CK-104X   | C CAPACITOR    | 0.1uF 16V K       | C4953    | NCB31CK-104X   | C CAPACITOR | 0.1uF 16V K       |
| C3072    | NCB31CK-104X   | C CAPACITOR    | 0.1uF 16V K       | C4956    | NCB31CK-104X   | C CAPACITOR | 0.1uF 16V K       |
| C3074    | NCB31CK-104X   | C CAPACITOR    | 0.1uF 16V K       | C4957    | NCB31CK-104X   | C CAPACITOR | 0.1uF 16V K       |
| C3075    | NCB31CK-104X   | C CAPACITOR    | 0.1uF 16V K       | C4958    | NCB31CK-104X   | C CAPACITOR | 0.1uF 16V K       |
| C3076    | NCB31CK-104X   | C CAPACITOR    | 0.1uF 16V K       | C4959    | NCB31CK-104X   | C CAPACITOR | 0.1uF 16V K       |
| C3097    | NCB30JK-225X   | C CAPACITOR    | 2.2uF 6.3V K      | C4961    | NCB31CK-104X   | C CAPACITOR | 0.1uF 16V K       |
| C3101    | NCB30JK-225X   | C CAPACITOR    | 2.2uF 6.3V K      | C4965    | NCB31CK-104X   | C CAPACITOR | 0.1uF 16V K       |
| C3105    | NCB30JK-225X   | C CAPACITOR    | 2.2uF 6.3V K      | C4966    | NCB31CK-104X   | C CAPACITOR | 0.1uF 16V K       |
| C3107    | NCB31CK-103X   | C CAPACITOR    | 0.01uF 16V K      | C4976    | NCB31CK-104X   | C CAPACITOR | 0.1uF 16V K       |
| C3109    | NCB31CK-103X   | C CAPACITOR    | 0.01uF 16V K      | C4977    | NCB31CK-104X   | C CAPACITOR | 0.1uF 16V K       |
| C3111    | NCB31CK-104X   | C CAPACITOR    | 0.1uF 16V K       | C4979    | NCB31CK-104X   | C CAPACITOR | 0.1uF 16V K       |
| C3121    | NCB31AK-105X   | C CAPACITOR    | 1uF 10V K         | C4980    | NCB31CK-104X   | C CAPACITOR | 0.1uF 16V K       |
| C3122    | NCB31AK-105X   | C CAPACITOR    | 1uF 10V K         | C4981    | NCB31CK-104X   | C CAPACITOR | 0.1uF 16V K       |
| C3123    | NCB31AK-105X   | C CAPACITOR    | 1uF 10V K         | C4984    | NCB31CK-104X   | C CAPACITOR | 0.1uF 16V K       |
| C3124    | NCB31AK-105X   | C CAPACITOR    | 1uF 10V K         | C4986    | NCB31CK-104X   | C CAPACITOR | 0.1uF 16V K       |
| C3125    | NCB31AK-105X   | C CAPACITOR    | 1uF 10V K         | C4987    | NCB31CK-104X   | C CAPACITOR | 0.1uF 16V K       |
| C3406    | NCB31HK-102X   | C CAPACITOR    | 1000pF 50V K      | C4989    | NCB31CK-104X   | C CAPACITOR | 0.1uF 16V K       |
| C3501    | NCF31CZ-474X   | C CAPACITOR    | 0.47uF 16V Z      | C4990    | NCB31CK-104X   | C CAPACITOR | 0.1uF 16V K       |
| C3502    | NDC31HJ-100X   | C CAPACITOR    | 10pF 50V J        | C4992    | NCB31CK-104X   | C CAPACITOR | 0.1uF 16V K       |
| C3503    | NCF31CZ-474X   | C CAPACITOR    | 0.47uF 16V Z      | C4994    | NCB31CK-104X   | C CAPACITOR | 0.1uF 16V K       |
| C3506    | NCB30JK-225X   | C CAPACITOR    | 2.2uF 6.3V K      | C6108    | NCB31CK-104X   | C CAPACITOR | 0.1uF 16V K       |
| C3507    | NCF31CZ-474X   | C CAPACITOR    | 0.47uF 16V Z      | C6114    | NRSA63J-103X   | MG RESISTOR | 10kΩ 1/16W J      |
| C3508    | NCF31CZ-474X   | C CAPACITOR    | 0.47uF 16V Z      | C6120    | NCB31CK-104X   | C CAPACITOR | 0.1uF 16V K       |
| C3509    | NCB30JK-225X   | C CAPACITOR    | 2.2uF 6.3V K      | C6124    | NCB31CK-104X   | C CAPACITOR | 0.1uF 16V K       |
| C3510    | NDC31HJ-100X   | C CAPACITOR    | 10pF 50V J        | C6512    | NCB31CK-104X   | C CAPACITOR | 0.1uF 16V K       |
| C3511    | NCF31CZ-474X   | C CAPACITOR    | 0.47uF 16V Z      | C6513    | NCB31CK-104X   | C CAPACITOR | 0.1uF 16V K       |
| C3512    | NDC31HJ-100X   | C CAPACITOR    | 10pF 50V J        | C6514    | NCB31CK-104X   | C CAPACITOR | 0.1uF 16V K       |
| C3513    | NDC31HJ-100X   | C CAPACITOR    | 10pF 50V J        | C6515    | NCB31CK-104X   | C CAPACITOR | 0.1uF 16V K       |
| C3514    | NDC31HJ-100X   | C CAPACITOR    | 10pF 50V J        | C6516    | NCB31CK-104X   | C CAPACITOR | 0.1uF 16V K       |
| C3515    | NCB31CK-104X   | C CAPACITOR    | 0.1uF 16V K       | C6523    | NCB11AK-106X   | C CAPACITOR | 10uF 10V K        |
| C3516    | NCF31CZ-474X   | C CAPACITOR    | 0.47uF 16V Z      | C7001    | NCB31AK-105X   | C CAPACITOR | 1uF 10V K         |
| C3517    | NCF31CZ-474X   | C CAPACITOR    | 0.47uF 16V Z      | C7002    | NCB31AK-105X   | C CAPACITOR | 1uF 10V K         |
| C3518    | NCB31CK-104X   | C CAPACITOR    | 0.1uF 16V K       | C7003    | NCF11CZ-475X   | C CAPACITOR | 4.7uF 16V Z       |
| C3519    | NCB31CK-104X   | C CAPACITOR    | 0.1uF 16V K       | C7006    | NDC31HJ-150X   | C CAPACITOR | 15pF 50V J        |
| C3524    | NCB31CK-104X   | C CAPACITOR    | 0.1uF 16V K       | C7007    | NCB31AK-105X   | C CAPACITOR | 1uF 10V K         |
| C3525    | NDC31HJ-100X   | C CAPACITOR    | 10pF 50V J        | C7012    | NCB31HK-153X   | C CAPACITOR | 0.015uF 50V K     |
| C3526    | NDC31HJ-100X   | C CAPACITOR    | 10pF 50V J        | C7017    | NDC31HJ-391X   | C CAPACITOR | 390pF 50V J       |
| C3527    | NCF31CZ-474X   | C CAPACITOR    | 0.47uF 16V Z      | C7018    | NCB31AK-105X   | C CAPACITOR | 1uF 10V K         |
| C3530    | NCB31CK-104X   | C CAPACITOR    | 0.1uF 16V K       | C7025    | NCB31CK-104X   | C CAPACITOR | 0.1uF 16V K       |
| C3531    | NCB31CK-104X   | C CAPACITOR    | 0.1uF 16V K       | C7026    | NCB31CK-104X   | C CAPACITOR | 0.1uF 16V K       |
| C3532    | NCB30JK-225X   | C CAPACITOR    | 2.2uF 6.3V K      | C7203    | NCB31CK-104X   | C CAPACITOR | 0.1uF 16V K       |
| C3533    | NCB30JK-225X   | C CAPACITOR    | 2.2uF 6.3V K      | C7204    | NCB31AK-105X   | C CAPACITOR | 1uF 10V K         |
| C3534    | NDC31HJ-100X   | C CAPACITOR    | 10pF 50V J        | C7401    | NCB31CK-104X   | C CAPACITOR | 0.1uF 16V K       |
| C3535    | NCF31CZ-474X   | C CAPACITOR    | 0.47uF 16V Z      | C7402    | NDC31HJ-101X   | C CAPACITOR | 100pF 50V J       |
| C3536    | NDC31HJ-100X   | C CAPACITOR    | 10pF 50V J        | C7403    | NCB31CK-102X   | C CAPACITOR | 1000pF 16V K      |
| C3537    | NDC31HJ-100X   | C CAPACITOR    | 10pF 50V J        | C7601    | NDC31HJ-102X   | C CAPACITOR | 1000pF 50V J      |
| C3538    | NDC31HJ-100X   | C CAPACITOR    | 10pF 50V J        | C7602    | NDC31HJ-221X   | C CAPACITOR | 220pF 50V J       |
| C3539    | NCF31CZ-474X   | C CAPACITOR    | 0.47uF 16V Z      | C7603    | NCB21AK-225X   | C CAPACITOR | 2.2uF 10V K       |
| C3540    | NCF31CZ-474X   | C CAPACITOR    | 0.47uF 16V Z      | C7607    | NCB31HK-102X   | C CAPACITOR | 1000pF 50V K      |
| C3541    | NDC31HJ-100X   | C CAPACITOR    | 10pF 50V J        | C7608    | NCB31HK-221X   | C CAPACITOR | 220pF 50V K       |
| C3542    | NCF31CZ-474X   | C CAPACITOR    | 0.47uF 16V Z      | C7609    | NCB21AK-225X   | C CAPACITOR | 2.2uF 10V K       |
| C3543    | NCB31CK-104X   | C CAPACITOR    | 0.1uF 16V K       | C7610    | NCB31HK-681X   | C CAPACITOR | 680pF 50V K       |
| C3545    | NDC31HJ-100X   | C CAPACITOR    | 10pF 50V J        | C7611    | NCB31HK-681X   | C CAPACITOR | 680pF 50V K       |
| C3548    | NCB31CK-104X   | C CAPACITOR    | 0.1uF 16V K       | C7612    | NRSA63J-0R0X   | MG RESISTOR | 0Ω 1/16W J        |
| C3549    | NBZ0007-107X   | SP E CAPACITOR | 100uF 4V M        | C7613    | NRSA63J-0R0X   | MG RESISTOR | 0Ω 1/16W J        |
| C3550    | NCB31CK-104X   | C CAPACITOR    | 0.1uF 16V K       | C7614    | NCB31CK-104X   | C CAPACITOR | 0.1uF 16V K       |
| C3551    | NBZ0007-107X   | SP E CAPACITOR | 100uF 4V M        | C7615    | NCB31CK-104X   | C CAPACITOR | 0.1uF 16V K       |
| C3552    | NCB31CK-104X   | C CAPACITOR    | 0.1uF 16V K       | C7616    | NCB11CK-105X   | C CAPACITOR | 1uF 16V K         |
| C3554    | NCJ41CK-226X-U | C CAPACITOR    | 22mF 16V K        | C7617    | NCB31CK-104X   | C CAPACITOR | 0.1uF 16V K       |
| C3555    | NCJ41CK-226X-U | C CAPACITOR    | 22mF 16V K        | C7618    | NCB11AK-106X   | C CAPACITOR | 10uF 10V K        |
| C4002    | NCB31CK-104X   | C CAPACITOR    | 0.1uF 16V K       | C7619    | NCF11CZ-475X   | C CAPACITOR | 4.7uF 16V Z       |
| C4003    | NCB31CK-104X   | C CAPACITOR    | 0.1uF 16V K       | C7621    | NCB11AK-106X   | C CAPACITOR | 10uF 10V K        |
| C4005    | NCB31AK-105X   | C CAPACITOR    | 1uF 10V K         | C7622    | NCF11CZ-475X   | C CAPACITOR | 4.7uF 16V Z       |
| C4006    | NCB31AK-105X   | C CAPACITOR    | 1uF 10V K         | C9001    | NEHM1CM-476X   | E CAPACITOR | 47uF 16V M        |
| C4008    | NCF11CZ-475X   | C CAPACITOR    | 4.7uF 16V Z       | C9002    | NEHM1CM-476X   | E CAPACITOR | 47uF 16V M        |
| C4009    | NCB31AK-105X   | C CAPACITOR    | 1uF 10V K         | C9003    | NEHM1CM-476X   | E CAPACITOR | 47uF 16V M        |
| C4010    | NCB31AK-105X   | C CAPACITOR    | 1uF 10V K         | C9004    | NCB31HK-102X   | C CAPACITOR | 1000pF 50V K      |
| C4011    | NCF11CZ-475X   | C CAPACITOR    | 4.7uF 16V Z       | C9005    | NCB31HK-102X   | C CAPACITOR | 1000pF 50V K      |
| C4012    | NCB31AK-105X   | C CAPACITOR    | 1uF 10V K         | C9006    | NEHL1HM-106X   | E CAPACITOR | 10uF 50V M        |
| C4013    | NCB31AK-105X   | C CAPACITOR    | 1uF 10V K         | C9202    | NCJ41EK-106X-U | C CAPACITOR | 10mF 25V K        |
| C4016    | NCB31AK-105X   | C CAPACITOR    | 1uF 10V K         | C9204    | NCB31HK-103X   | C CAPACITOR | 0.01uF 50V K      |
| C4020    | NCB31AK-105X   | C CAPACITOR    | 1uF 10V K         | C9205    | NCJ41CK-226X-U | C CAPACITOR | 22mF 16V K        |
| C4022    | NCB31CK-104X   | C CAPACITOR    | 0.1uF 16V K       | C9207    | NCB31HK-222X   | C CAPACITOR | 2200pF 50V K      |
| C4023    | NCB31CK-104X   | C CAPACITOR    | 0.1uF 16V K       | C9208    | NCJ41CK-226X-U | C CAPACITOR | 22mF 16V K        |



| △Ref No. | Part No.       | Part Name   | Description Local | △Ref No. | Part No.     | Part Name   | Description Local |
|----------|----------------|-------------|-------------------|----------|--------------|-------------|-------------------|
| C9210    | NCJ41CK-226X-U | C CAPACITOR | 22mF 16V K        | R1010    | NRSA63J-561X | MG RESISTOR | 560Ω 1/16W J      |
| C9211    | NCB31HK-153X   | C CAPACITOR | 0.015uF 50V K     | R1011    | NRSA63J-183X | MG RESISTOR | 18kΩ 1/16W J      |
| C9212    | NCB31HK-122X   | C CAPACITOR | 1200pF 50V K      | R1012    | NRSA63J-152X | MG RESISTOR | 1.5kΩ 1/16W J     |
| R0105    | NRSA63J-101X   | MG RESISTOR | 100Ω 1/16W J      | R1013    | NRSA63J-122X | MG RESISTOR | 1.2kΩ 1/16W J     |
| R0106    | NRSA63J-331X   | MG RESISTOR | 330Ω 1/16W J      | R1014    | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J      |
| R0107    | NRSA63J-331X   | MG RESISTOR | 330Ω 1/16W J      | R1017    | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J      |
| R0109    | NRSA63J-221X   | MG RESISTOR | 220Ω 1/16W J      | R1018    | NRSA63J-332X | MG RESISTOR | 3.3kΩ 1/16W J     |
| R0110    | NRSA63J-101X   | MG RESISTOR | 100Ω 1/16W J      | R1019    | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J        |
| R0116    | NRSA63J-101X   | MG RESISTOR | 100Ω 1/16W J      | R1021    | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J      |
| R0119    | NRSA63J-271X   | MG RESISTOR | 270Ω 1/16W J      | R1022    | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J      |
| R0121    | NRSA63J-101X   | MG RESISTOR | 100Ω 1/16W J      | R1025    | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J      |
| R0122    | NRSA63J-102X   | MG RESISTOR | 1kΩ 1/16W J       | R1026    | NRSA63J-273X | MG RESISTOR | 27kΩ 1/16W J      |
| R0125    | NRSA63J-222X   | MG RESISTOR | 2.2kΩ 1/16W J     | R1028    | NRSA63J-273X | MG RESISTOR | 27kΩ 1/16W J      |
| R0126    | NRSA63J-103X   | MG RESISTOR | 10kΩ 1/16W J      | R1030    | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J      |
| R0127    | NRSA63J-0R0X   | MG RESISTOR | 0Ω 1/16W J        | R1101    | NRSA63J-182X | MG RESISTOR | 1.8kΩ 1/16W J     |
| R0128    | NRSA63J-102X   | MG RESISTOR | 1kΩ 1/16W J       | R1102    | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J      |
| R0129    | NRSA63J-103X   | MG RESISTOR | 10kΩ 1/16W J      | R1104    | NRSA63J-332X | MG RESISTOR | 3.3kΩ 1/16W J     |
| R0131    | NRSA63J-472X   | MG RESISTOR | 4.7kΩ 1/16W J     | R1105    | NRSA63J-561X | MG RESISTOR | 560Ω 1/16W J      |
| R0132    | NRSA63J-472X   | MG RESISTOR | 4.7kΩ 1/16W J     | R1106    | NRSA63J-561X | MG RESISTOR | 560Ω 1/16W J      |
| R0133    | NRSA63J-0R0X   | MG RESISTOR | 0Ω 1/16W J        | R1107    | NRSA63J-331X | MG RESISTOR | 330Ω 1/16W J      |
| R0134    | NRSA63J-472X   | MG RESISTOR | 4.7kΩ 1/16W J     | R1108    | NRSA63J-681X | MG RESISTOR | 680Ω 1/16W J      |
| R0137    | NRSA63J-151X   | MG RESISTOR | 150Ω 1/16W J      | R1113    | NRSA63J-330X | MG RESISTOR | 33Ω 1/16W J       |
| R0138    | NRSA63J-0R0X   | MG RESISTOR | 0Ω 1/16W J        | R1114    | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J        |
| R0140    | NRSA63J-182X   | MG RESISTOR | 1.8kΩ 1/16W J     | R1115    | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J        |
| R0141    | NRSA63J-472X   | MG RESISTOR | 4.7kΩ 1/16W J     | R1201    | NRSA63J-182X | MG RESISTOR | 1.8kΩ 1/16W J     |
| R0205    | NRSA63J-101X   | MG RESISTOR | 100Ω 1/16W J      | R1203    | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J      |
| R0206    | NRSA63J-331X   | MG RESISTOR | 330Ω 1/16W J      | R1204    | NRSA63J-332X | MG RESISTOR | 3.3kΩ 1/16W J     |
| R0207    | NRSA63J-331X   | MG RESISTOR | 330Ω 1/16W J      | R1205    | NRSA63J-561X | MG RESISTOR | 560Ω 1/16W J      |
| R0208    | NRSA63J-681X   | MG RESISTOR | 680Ω 1/16W J      | R1206    | NRSA63J-471X | MG RESISTOR | 470Ω 1/16W J      |
| R0209    | NRSA63J-221X   | MG RESISTOR | 220Ω 1/16W J      | R1207    | NRSA63J-331X | MG RESISTOR | 330Ω 1/16W J      |
| R0210    | NRSA63J-101X   | MG RESISTOR | 100Ω 1/16W J      | R1213    | NRSA63J-330X | MG RESISTOR | 33Ω 1/16W J       |
| R0211    | NRSA63J-472X   | MG RESISTOR | 4.7kΩ 1/16W J     | R1301    | NRSA63J-182X | MG RESISTOR | 1.8kΩ 1/16W J     |
| R0216    | NRSA63J-101X   | MG RESISTOR | 100Ω 1/16W J      | R1303    | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J      |
| R0219    | NRSA63J-271X   | MG RESISTOR | 270Ω 1/16W J      | R1304    | NRSA63J-332X | MG RESISTOR | 3.3kΩ 1/16W J     |
| R0221    | NRSA63J-101X   | MG RESISTOR | 100Ω 1/16W J      | R1305    | NRSA63J-561X | MG RESISTOR | 560Ω 1/16W J      |
| R0222    | NRSA63J-102X   | MG RESISTOR | 1kΩ 1/16W J       | R1306    | NRSA63J-471X | MG RESISTOR | 470Ω 1/16W J      |
| R0225    | NRSA63J-222X   | MG RESISTOR | 2.2kΩ 1/16W J     | R1307    | NRSA63J-561X | MG RESISTOR | 560Ω 1/16W J      |
| R0226    | NRSA63J-472X   | MG RESISTOR | 4.7kΩ 1/16W J     | R1313    | NRSA63J-330X | MG RESISTOR | 33Ω 1/16W J       |
| R0227    | NRSA63J-181X   | MG RESISTOR | 180Ω 1/16W J      | R1401    | NRSA63J-182X | MG RESISTOR | 1.8kΩ 1/16W J     |
| R0228    | NRSA63J-102X   | MG RESISTOR | 1kΩ 1/16W J       | R1403    | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J      |
| R0229    | NRSA63J-103X   | MG RESISTOR | 10kΩ 1/16W J      | R1404    | NRSA63J-332X | MG RESISTOR | 3.3kΩ 1/16W J     |
| R0231    | NRSA63J-472X   | MG RESISTOR | 4.7kΩ 1/16W J     | R1405    | NRSA63J-561X | MG RESISTOR | 560Ω 1/16W J      |
| R0232    | NRSA63J-472X   | MG RESISTOR | 4.7kΩ 1/16W J     | R1406    | NRSA63J-471X | MG RESISTOR | 470Ω 1/16W J      |
| R0233    | NRSA63J-0R0X   | MG RESISTOR | 0Ω 1/16W J        | R1407    | NRSA63J-561X | MG RESISTOR | 560Ω 1/16W J      |
| R0234    | NRSA63J-472X   | MG RESISTOR | 4.7kΩ 1/16W J     | R1413    | NRSA63J-330X | MG RESISTOR | 33Ω 1/16W J       |
| R0237    | NRSA63J-271X   | MG RESISTOR | 270Ω 1/16W J      | R1523    | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K       |
| R0238    | NRSA63J-0R0X   | MG RESISTOR | 0Ω 1/16W J        | R1524    | NRSA63J-474X | MG RESISTOR | 470kΩ 1/16W J     |
| R0240    | NRSA63J-182X   | MG RESISTOR | 1.8kΩ 1/16W J     | R1525    | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J        |
| R0241    | NRSA63J-472X   | MG RESISTOR | 4.7kΩ 1/16W J     | R1584    | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J        |
| R0242    | NRSA63J-472X   | MG RESISTOR | 4.7kΩ 1/16W J     | R2028    | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J        |
| R0243    | NRSA63J-103X   | MG RESISTOR | 10kΩ 1/16W J      | R2056    | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J        |
| R0305    | NRSA63J-101X   | MG RESISTOR | 100Ω 1/16W J      | R2057    | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J        |
| R0306    | NRSA63J-331X   | MG RESISTOR | 330Ω 1/16W J      | R2101    | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J        |
| R0307    | NRSA63J-331X   | MG RESISTOR | 330Ω 1/16W J      | R2102    | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J        |
| R0308    | NRSA63J-681X   | MG RESISTOR | 680Ω 1/16W J      | R2103    | NRSA63J-220X | MG RESISTOR | 22Ω 1/16W J       |
| R0309    | NRSA63J-221X   | MG RESISTOR | 220Ω 1/16W J      | R2104    | NRSA63J-220X | MG RESISTOR | 22Ω 1/16W J       |
| R0310    | NRSA63J-101X   | MG RESISTOR | 100Ω 1/16W J      | R2105    | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J      |
| R0311    | NRSA63J-472X   | MG RESISTOR | 4.7kΩ 1/16W J     | R2121    | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J        |
| R0316    | NRSA63J-101X   | MG RESISTOR | 100Ω 1/16W J      | R2122    | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J        |
| R0319    | NRSA63J-271X   | MG RESISTOR | 270Ω 1/16W J      | R2123    | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J        |
| R0321    | NRSA63J-101X   | MG RESISTOR | 100Ω 1/16W J      | R2125    | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J        |
| R0322    | NRSA63J-102X   | MG RESISTOR | 1kΩ 1/16W J       | R2128    | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J        |
| R0325    | NRSA63J-222X   | MG RESISTOR | 2.2kΩ 1/16W J     | R2151    | NRSA02J-0R0X | MG RESISTOR | 0Ω 1/10W J        |
| R0326    | NRSA63J-472X   | MG RESISTOR | 4.7kΩ 1/16W J     | R2153    | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J        |
| R0327    | NRSA63J-181X   | MG RESISTOR | 180Ω 1/16W J      | R2154    | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J        |
| R0328    | NRSA63J-102X   | MG RESISTOR | 1kΩ 1/16W J       | R2155    | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J        |
| R0329    | NRSA63J-103X   | MG RESISTOR | 10kΩ 1/16W J      | R3001    | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J      |
| R0331    | NRSA63J-472X   | MG RESISTOR | 4.7kΩ 1/16W J     | R3004    | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J      |
| R0332    | NRSA63J-472X   | MG RESISTOR | 4.7kΩ 1/16W J     | R3006    | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J        |
| R0333    | NRSA63J-0R0X   | MG RESISTOR | 0Ω 1/16W J        | R3007    | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J        |
| R0334    | NRSA63J-472X   | MG RESISTOR | 4.7kΩ 1/16W J     | R3008    | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J        |
| R0337    | NRSA63J-271X   | MG RESISTOR | 270Ω 1/16W J      | R3009    | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J        |
| R0338    | NRSA63J-0R0X   | MG RESISTOR | 0Ω 1/16W J        | R3018    | NRSA02J-3R3X | MG RESISTOR | 3.3Ω 1/10W J      |
| R0340    | NRSA63J-182X   | MG RESISTOR | 1.8kΩ 1/16W J     | R3019    | NRSA02J-3R3X | MG RESISTOR | 3.3Ω 1/10W J      |
| R0341    | NRSA63J-472X   | MG RESISTOR | 4.7kΩ 1/16W J     | R3020    | NRSA02J-3R3X | MG RESISTOR | 3.3Ω 1/10W J      |
| R0342    | NRSA63J-472X   | MG RESISTOR | 4.7kΩ 1/16W J     | R3021    | NRSA63D-102X | MG RESISTOR | 1kΩ 1/16W D       |
| R0343    | NRSA63J-103X   | MG RESISTOR | 10kΩ 1/16W J      | R3022    | NRSA63D-332X | MG RESISTOR | 3.3kΩ 1/16W D     |
| R0344    | NRSA63J-472X   | MG RESISTOR | 4.7kΩ 1/16W J     | R3023    | NRSA63D-332X | MG RESISTOR | 3.3kΩ 1/16W D     |
| R0345    | NRSA63J-472X   | MG RESISTOR | 4.7kΩ 1/16W J     | R3024    | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J       |
| R0528    | NRSA63J-0R0X   | MG RESISTOR | 0Ω 1/16W J        | R3028    | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J       |
| R1001    | NRSA63J-274X   | MG RESISTOR | 270kΩ 1/16W J     | R3029    | NRSA63D-392X | MG RESISTOR | 3.9kΩ 1/16W D     |
| R1002    | NRSA63D-101X   | MG RESISTOR | 100Ω 1/16W D      | R3030    | NRSA63D-102X | MG RESISTOR | 1kΩ 1/16W D       |
| R1004    | NRSA63J-221X   | MG RESISTOR | 220Ω 1/16W J      | R3031    | NRSA63D-151X | MG RESISTOR | 150Ω 1/16W D      |
| R1005    | NRSA63J-103X   | MG RESISTOR | 10kΩ 1/16W J      | R3032    | NRSA63J-5R6X | MG RESISTOR | 5.6Ω 1/16W J      |
| R1006    | NRSA63J-101X   | MG RESISTOR | 100Ω 1/16W J      | R3033    | NRSA63J-5R6X | MG RESISTOR | 5.6Ω 1/16W J      |
| R1007    | NRSA63J-101X   | MG RESISTOR | 100Ω 1/16W J      | R3034    | NRSA63J-5R6X | MG RESISTOR | 5.6Ω 1/16W J      |
|          |                |             |                   | R3036    | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J       |

3-38(No.YA247)

| △Ref No. | Part No.     | Part Name   | Description Local | △Ref No. | Part No.     | Part Name    | Description Local |
|----------|--------------|-------------|-------------------|----------|--------------|--------------|-------------------|
| R7018    | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J        | R7148    | NRSA63J-101X | MG RESISTOR  | 100Ω 1/16W J      |
| R7021    | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J      | R7149    | NRSA63J-103X | MG RESISTOR  | 10kΩ 1/16W J      |
| R7022    | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J      | R7150    | NRSA63J-103X | MG RESISTOR  | 10kΩ 1/16W J      |
| R7023    | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J        | R7151    | NCB31HK-102X | C CAPACITOR  | 1000pF 50V K      |
| R7024    | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J        | R7152    | NCB31HK-102X | C CAPACITOR  | 1000pF 50V K      |
| R7025    | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J      | R7153    | NRSA63J-101X | MG RESISTOR  | 100Ω 1/16W J      |
| R7026    | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J      | R7159    | NRSA63J-0R0X | MG RESISTOR  | 0Ω 1/16W J        |
| R7029    | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J      | R7160    | NRSA63J-101X | MG RESISTOR  | 100Ω 1/16W J      |
| R7030    | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J      | R7161    | NRSA63J-103X | MG RESISTOR  | 10kΩ 1/16W J      |
| R7031    | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J        | R7162    | NRSA63J-0R0X | MG RESISTOR  | 0Ω 1/16W J        |
| R7032    | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J        | R7163    | NRSA63J-0R0X | MG RESISTOR  | 0Ω 1/16W J        |
| R7033    | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J      | R7214    | NRSA63J-103X | MG RESISTOR  | 10kΩ 1/16W J      |
| R7034    | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J        | R7215    | NRSA63J-104X | MG RESISTOR  | 100kΩ 1/16W J     |
| R7035    | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J        | R7216    | NRSA63J-0R0X | MG RESISTOR  | 0Ω 1/16W J        |
| R7037    | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J      | R7224    | NRSA63J-473X | MG RESISTOR  | 47kΩ 1/16W J      |
| R7038    | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J        | R7225    | NRSA63J-0R0X | MG RESISTOR  | 0Ω 1/16W J        |
| R7039    | NRSA63J-473X | MG RESISTOR | 47kΩ 1/16W J      | R7401    | NRSA63J-101X | MG RESISTOR  | 100Ω 1/16W J      |
| R7040    | NRSA63J-104X | MG RESISTOR | 100kΩ 1/16W J     | R7404    | NRSA63J-0R0X | MG RESISTOR  | 0Ω 1/16W J        |
| R7041    | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J        | R7601    | NRSA63J-102X | MG RESISTOR  | 1kΩ 1/16W J       |
| R7042    | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J      | R7602    | NRSA63J-103X | MG RESISTOR  | 10kΩ 1/16W J      |
| R7043    | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J      | R7603    | NRSA63J-103X | MG RESISTOR  | 10kΩ 1/16W J      |
| R7045    | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J        | R7604    | NRSA63J-0R0X | MG RESISTOR  | 0Ω 1/16W J        |
| R7046    | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J      | R7605    | NRSA63J-0R0X | MG RESISTOR  | 0Ω 1/16W J        |
| R7047    | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J      | R7606    | NRSA63J-0R0X | MG RESISTOR  | 0Ω 1/16W J        |
| R7048    | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J      | R7607    | NCB31AK-224X | C CAPACITOR  | 0.22uF 10V K      |
| R7049    | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J      | R7608    | NRSA63J-222X | MG RESISTOR  | 2.2kΩ 1/16W J     |
| R7053    | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J      | R7609    | NRSA63J-272X | MG RESISTOR  | 2.7kΩ 1/16W J     |
| R7055    | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J      | R7610    | NRSA63J-0R0X | MG RESISTOR  | 0Ω 1/16W J        |
| R7057    | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J      | R7611    | NRSA63J-0R0X | MG RESISTOR  | 0Ω 1/16W J        |
| R7059    | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J        | R7612    | NCB31AK-224X | C CAPACITOR  | 0.22uF 10V K      |
| R7060    | NRSA63J-223X | MG RESISTOR | 22kΩ 1/16W J      | R7613    | NRSA63J-472X | MG RESISTOR  | 4.7kΩ 1/16W J     |
| R7064    | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J        | R7614    | NRSA63J-562X | MG RESISTOR  | 5.6kΩ 1/16W J     |
| R7065    | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J      | R7615    | NRSA63J-0R0X | MG RESISTOR  | 0Ω 1/16W J        |
| R7066    | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J      | R7656    | NRSA63J-0R0X | MG RESISTOR  | 0Ω 1/16W J        |
| R7067    | NRSA63J-151X | MG RESISTOR | 150Ω 1/16W J      | R7657    | NRSA63J-0R0X | MG RESISTOR  | 0Ω 1/16W J        |
| R7068    | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J      | R7658    | NRSA63J-102X | MG RESISTOR  | 1kΩ 1/16W J       |
| R7069    | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J        | R7659    | NRSA63J-682X | MG RESISTOR  | 6.8kΩ 1/16W J     |
| R7070    | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J        | R7660    | NRSA63J-105X | MG RESISTOR  | 1MΩ 1/16W J       |
| R7071    | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J        | R7661    | NRSA63J-471X | MG RESISTOR  | 470Ω 1/16W J      |
| R7072    | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J        | R7664    | NRSA63J-102X | MG RESISTOR  | 1kΩ 1/16W J       |
| R7074    | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J        | R7666    | NRSA63J-0R0X | MG RESISTOR  | 0Ω 1/16W J        |
| R7075    | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J        | R7680    | NRSA63J-0R0X | MG RESISTOR  | 0Ω 1/16W J        |
| R7077    | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J        | R7681    | NRSA63J-0R0X | MG RESISTOR  | 0Ω 1/16W J        |
| R7080    | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J        | R7685    | NRSA63J-471X | MG RESISTOR  | 470Ω 1/16W J      |
| R7081    | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J        | R7686    | NRSA63J-105X | MG RESISTOR  | 1MΩ 1/16W J       |
| R7082    | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J        | R7688    | NRSA63J-0R0X | MG RESISTOR  | 0Ω 1/16W J        |
| R7085    | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J      | R7689    | NRSA63J-0R0X | MG RESISTOR  | 0Ω 1/16W J        |
| R7086    | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J      | R7690    | NRSA63J-0R0X | MG RESISTOR  | 0Ω 1/16W J        |
| R7087    | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J      | R7691    | NRSA63J-333X | MG RESISTOR  | 33kΩ 1/16W J      |
| R7088    | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J      | R9201    | NRSA63J-473X | MG RESISTOR  | 47kΩ 1/16W J      |
| R7089    | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J      | R9202    | NRSA02J-0R0X | MG RESISTOR  | 0Ω 1/10W J        |
| R7090    | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J      | R9204    | NRSA63D-272X | MG RESISTOR  | 2.7kΩ 1/16W D     |
| R7091    | NRSA63J-333X | MG RESISTOR | 33kΩ 1/16W J      | R9205    | NRSA63D-103X | MG RESISTOR  | 10kΩ 1/16W D      |
| R7092    | NRSA63J-333X | MG RESISTOR | 33kΩ 1/16W J      | R9206    | NRSA63J-472X | MG RESISTOR  | 4.7kΩ 1/16W J     |
| R7093    | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J      | R9207    | NRSA02J-0R0X | MG RESISTOR  | 0Ω 1/10W J        |
| R7094    | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J      | R9208    | NRSA63J-105X | MG RESISTOR  | 1MΩ 1/16W J       |
| R7095    | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J      | R9209    | NRSA63J-680X | MG RESISTOR  | 68Ω 1/16W J       |
| R7096    | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J      | R9210    | NRSA63J-0R0X | MG RESISTOR  | 0Ω 1/16W J        |
| R7097    | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J      | RA1001   | NRZ0080-510X | NET RESISTOR | 51Ω 1/16W J       |
| R7098    | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J       | RA1002   | NRZ0080-510X | NET RESISTOR | 51Ω 1/16W J       |
| R7099    | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J      | RA1003   | NRZ0040-101X | NET RESISTOR | 100Ω 1/16W J x4   |
| R7100    | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J        | RA2012   | NRZ0080-101X | NET RESISTOR | 100Ω 1/16W J      |
| R7101    | NRSA63J-333X | MG RESISTOR | 33kΩ 1/16W J      | RA2013   | NRZ0080-101X | NET RESISTOR | 100Ω 1/16W J      |
| R7104    | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J        | RA2015   | NRZ0080-0R0X | NET RESISTOR | 0Ω 1/16W J        |
| R7106    | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J        | RA2016   | NRZ0080-0R0X | NET RESISTOR | 0Ω 1/16W J        |
| R7107    | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J      | RA3002   | NRZ0034-103W | NET RESISTOR | 10kΩ 1/32W J x4   |
| R7108    | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J       | RA3004   | NRZ0034-103W | NET RESISTOR | 10kΩ 1/32W J x4   |
| R7109    | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J      | RA3013   | NRZ0034-220W | NET RESISTOR | 22Ω 1/32W J x4    |
| R7110    | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J      | RA3014   | NRZ0034-220W | NET RESISTOR | 22Ω 1/32W J x4    |
| R7111    | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J      | RA3015   | NRZ0034-220W | NET RESISTOR | 22Ω 1/32W J x4    |
| R7112    | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J      | RA3016   | NRZ0034-220W | NET RESISTOR | 22Ω 1/32W J x4    |
| R7114    | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J        | RA3018   | NRZ0080-510X | NET RESISTOR | 51Ω 1/16W J       |
| R7115    | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J      | RA3020   | NRZ0080-510X | NET RESISTOR | 51Ω 1/16W J       |
| R7117    | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J      | RA3022   | NRZ0080-510X | NET RESISTOR | 51Ω 1/16W J       |
| R7118    | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J      | RA3023   | NRZ0040-510X | NET RESISTOR | 51Ω 1/16W J x4    |
| R7119    | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J      | RA3024   | NRZ0040-510X | NET RESISTOR | 51Ω 1/16W J x4    |
| R7120    | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J      | RA3025   | NRZ0040-510X | NET RESISTOR | 51Ω 1/16W J x4    |
| R7122    | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J        | RA3026   | NRZ0040-510X | NET RESISTOR | 51Ω 1/16W J x4    |
| R7123    | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J      | RA3028   | NRZ0080-510X | NET RESISTOR | 51Ω 1/16W J       |
| R7124    | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J      | RA3030   | NRZ0080-510X | NET RESISTOR | 51Ω 1/16W J       |
| R7132    | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J      | RA3032   | NRZ0080-510X | NET RESISTOR | 51Ω 1/16W J       |
| R7133    | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J        | RA3502   | NRZ0080-510X | NET RESISTOR | 51Ω 1/16W J       |
| R7134    | NRSA63J-221X | MG RESISTOR | 220Ω 1/16W J      | RA3506   | NRZ0040-510X | NET RESISTOR | 51Ω 1/16W J x4    |
| R7135    | NRSA63J-221X | MG RESISTOR | 220Ω 1/16W J      | RA3508   | NRZ0080-510X | NET RESISTOR | 51Ω 1/16W J       |
| R7136    | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J        | RA3512   | NRZ0080-510X | NET RESISTOR | 51Ω 1/16W J       |
| R7137    | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J        | RA3516   | NRZ0040-510X | NET RESISTOR | 51Ω 1/16W J x4    |
| R7140    | NRSA63J-473X | MG RESISTOR | 47kΩ 1/16W J      | RA3518   | NRZ0040-510X | NET RESISTOR | 51Ω 1/16W J x4    |

| △Ref No. | Part No.      | Part Name      | Description Local | △Ref No. | Part No.     | Part Name     | Description Local |
|----------|---------------|----------------|-------------------|----------|--------------|---------------|-------------------|
| RA3521   | NRZ0080-510X  | NET RESISTOR   | 51Ω 1/16W J       | K1001    | NRSA02J-0R0X | MG RESISTOR   | 0Ω 1/10W J        |
| RA3523   | NRZ0040-510X  | NET RESISTOR   | 51Ω 1/16W J x4    | K1002    | NRSA02J-0R0X | MG RESISTOR   | 0Ω 1/10W J        |
| RA3526   | NRZ0080-510X  | NET RESISTOR   | 51Ω 1/16W J       | K1003    | NRSA02J-0R0X | MG RESISTOR   | 0Ω 1/10W J        |
| RA3530   | NRZ0040-510X  | NET RESISTOR   | 51Ω 1/16W J x4    | K1004    | NRSA02J-0R0X | MG RESISTOR   | 0Ω 1/10W J        |
| RA3531   | NRZ0080-510X  | NET RESISTOR   | 51Ω 1/16W J       | K1005    | NRSA02J-0R0X | MG RESISTOR   | 0Ω 1/10W J        |
| RA3536   | NRZ0080-510X  | NET RESISTOR   | 51Ω 1/16W J       | K2104    | NRSA02J-0R0X | MG RESISTOR   | 0Ω 1/10W J        |
| RA3540   | NRZ0040-510X  | NET RESISTOR   | 51Ω 1/16W J x4    | K2106    | NQR0489-002X | FERRITE BEADS |                   |
| RA3542   | NRZ0040-510X  | NET RESISTOR   | 51Ω 1/16W J x4    | K2107    | NRSA02J-0R0X | MG RESISTOR   | 0Ω 1/10W J        |
| RA3545   | NRZ0080-510X  | NET RESISTOR   | 51Ω 1/16W J       | K2108    | NRSA02J-0R0X | MG RESISTOR   | 0Ω 1/10W J        |
| RA3547   | NRZ0040-510X  | NET RESISTOR   | 51Ω 1/16W J x4    | K3003    | NRSA63J-0R0X | MG RESISTOR   | 0Ω 1/16W J        |
| RA4007   | NRZ0034-0R0W  | NET RESISTOR   | 0Ω 1/32W J x4     | K3006    | NRSA63J-0R0X | MG RESISTOR   | 0Ω 1/16W J        |
| RA4008   | NRZ0034-0R0W  | NET RESISTOR   | 0Ω 1/32W J x4     | K3009    | NRSA02J-0R0X | MG RESISTOR   | 0Ω 1/10W J        |
| RA4009   | NRZ0034-0R0W  | NET RESISTOR   | 0Ω 1/32W J x4     | K3010    | NRSA02J-0R0X | MG RESISTOR   | 0Ω 1/10W J        |
| RA4010   | NRZ0034-0R0W  | NET RESISTOR   | 0Ω 1/32W J x4     | K6006    | NQR0199-001X | FERRITE BEADS |                   |
| RA4011   | NRZ0034-0R0W  | NET RESISTOR   | 0Ω 1/32W J x4     | K6007    | NQR0199-001X | FERRITE BEADS |                   |
| RA4012   | NRZ0034-0R0W  | NET RESISTOR   | 0Ω 1/32W J x4     | K6008    | NQR0199-001X | FERRITE BEADS |                   |
| RA6001   | NRZ0034-0R0W  | NET RESISTOR   | 0Ω 1/32W J x4     | K6009    | NQR0199-001X | FERRITE BEADS |                   |
| RA7601   | NRZ0034-0R0W  | NET RESISTOR   | 0Ω 1/32W J x4     | K6010    | NQR0199-001X | FERRITE BEADS |                   |
| RA7602   | NRZ0034-0R0W  | NET RESISTOR   | 0Ω 1/32W J x4     | K6019    | NQR0199-001X | FERRITE BEADS |                   |
| RA7603   | NRZ0034-0R0W  | NET RESISTOR   | 0Ω 1/32W J x4     | K7002    | NRSA02J-0R0X | MG RESISTOR   | 0Ω 1/10W J        |
| RA7604   | NRZ0034-0R0W  | NET RESISTOR   | 0Ω 1/32W J x4     | K9001    | NQR0413-003X | FERRITE BEADS |                   |
| RA7605   | NRZ0034-0R0W  | NET RESISTOR   | 0Ω 1/32W J x4     | K9002    | NQR0413-003X | FERRITE BEADS |                   |
| RB7605   | NRSA63J-0R0X  | MG RESISTOR    | 0Ω 1/16W J        | LC0102   | NQR0483-005X | EMI FILTER    | 100uF 25V Z       |
| RB7614   | NRSA63J-0R0X  | MG RESISTOR    | 0Ω 1/16W J        | LC0501   | NQR0416-002X | EMI FILTER    | 84pF 16V M        |
| RB7615   | NRSA63J-0R0X  | MG RESISTOR    | 0Ω 1/16W J        | LC0502   | NQR0416-002X | EMI FILTER    | 84pF 16V M        |
|          |               |                |                   | LC0504   | NQR0416-002X | EMI FILTER    | 84pF 16V M        |
| L0101    | NQL092K-R68X  | COIL           | 0.68uH K          | LC0506   | NQR0416-002X | EMI FILTER    | 84pF 16V M        |
| L0104    | NRSA02J-0R0X  | MG RESISTOR    | 0Ω 1/10W J        | LC0507   | NQR0416-002X | EMI FILTER    | 84pF 16V M        |
| L0201    | NQL092K-R68X  | COIL           | 0.68uH K          | LC0508   | NQR0416-002X | EMI FILTER    | 84pF 16V M        |
| L0204    | NRSA02J-0R0X  | MG RESISTOR    | 0Ω 1/10W J        | LC0510   | NQR0498-001X | EMI FILTER    |                   |
| L0301    | NQL092K-R68X  | COIL           | 0.68uH K          | LC0511   | NQR0498-001X | EMI FILTER    |                   |
| L0304    | NRSA02J-0R0X  | MG RESISTOR    | 0Ω 1/10W J        | LC0512   | NQR0498-001X | EMI FILTER    |                   |
| L0401    | NRSA02J-0R0X  | MG RESISTOR    | 0Ω 1/10W J        | LC0513   | NQR0498-001X | EMI FILTER    |                   |
| L1001    | NQR0489-002X  | FERRITE BEADS  |                   | LC0514   | NQR0416-002X | EMI FILTER    | 84pF 16V M        |
| L1002    | NQR0489-002X  | FERRITE BEADS  |                   | LC0515   | NQR0416-002X | EMI FILTER    | 84pF 16V M        |
| L1003    | NQL092K-1R5X  | CHIP P COIL    | 1.5uH K           | LC0516   | NQR0416-001X | EMI FILTER    | 240pF 16V M       |
| L1004    | NQR0489-002X  | FERRITE BEADS  |                   | LC0517   | NQR0416-001X | EMI FILTER    | 240pF 16V M       |
| L1005    | NQR0489-002X  | FERRITE BEADS  |                   | LC0518   | NQR0416-001X | EMI FILTER    | 240pF 16V M       |
| L1006    | NQR0489-002X  | FERRITE BEADS  |                   | LC0519   | NQR0416-001X | EMI FILTER    | 240pF 16V M       |
| L1008    | NQL79GM-220X  | COIL           | 22uH M            | LC0520   | NQR0483-005X | EMI FILTER    | 100uF 25V Z       |
| L1010    | NRSA02J-0R0X  | MG RESISTOR    | 0Ω 1/10W J        | LC0522   | NQR0483-005X | EMI FILTER    | 100uF 25V Z       |
| L1011    | NQL79GM-470X  | COIL           | 47uH M            | LC0523   | NQR0483-005X | EMI FILTER    | 100uF 25V Z       |
| L1101    | NQL092K-6R8X  | COIL           | 6.8uH K           | LC0525   | NQR0483-005X | EMI FILTER    | 100uF 25V Z       |
| L1102    | NQR0489-002X  | FERRITE BEADS  |                   | LC0526   | NQR0483-005X | EMI FILTER    | 100uF 25V Z       |
| L1103    | NQL092K-1R0X  | COIL           | 1uH K             | LC0527   | NQR0483-005X | EMI FILTER    | 100uF 25V Z       |
| L1104    | NQL093K-R10X  | COIL           | 0.1uH K           | LC7001   | NQR0470-001X | EMI FILTER    | 22pF 50V +50%-20% |
| L1201    | NQL092K-6R8X  | COIL           | 6.8uH K           | LC7002   | NQR0470-001X | EMI FILTER    | 22pF 50V +50%-20% |
| L1203    | NQL092K-1R0X  | COIL           | 1uH K             | LC7003   | NQR0470-001X | EMI FILTER    | 22pF 50V +50%-20% |
| L1301    | NQL092K-3R3X  | COIL           | 3.3uH K           | LC7004   | NQR0470-001X | EMI FILTER    | 22pF 50V +50%-20% |
| L1303    | NQL092K-1R0X  | COIL           | 1uH K             | LC7007   | NQR0479-001X | EMI FILTER    |                   |
| L1304    | NQL093K-R10X  | COIL           | 0.1uH K           | SL7001   | NAX0613-001X | C RESONATOR   |                   |
| L1401    | NQL092K-3R3X  | COIL           | 3.3uH K           | X1001    | NAX0660-001X | CRYSTAL       |                   |
| L1403    | NQL092K-1R0X  | COIL           | 1uH K             | X3001    | NAX0635-001X | CXO           |                   |
| L1404    | NQL093K-R10X  | COIL           | 0.1uH K           | X3003    | NAX0668-001X | CXO           |                   |
| L1501    | NQL092K-4R7X  | COIL           | 4.7uH K           | X4001    | NAX0669-001X | CRYSTAL       |                   |
| L2101    | NRSA02J-0R0X  | MG RESISTOR    | 0Ω 1/10W J        | X7601    | NAX0613-001X | C RESONATOR   |                   |
| L3001    | NQR0489-002X  | FERRITE BEADS  |                   |          |              |               |                   |
| L3005    | NQR0413-003X  | FERRITE BEADS  |                   |          |              |               |                   |
| L3006    | NQR0413-003X  | FERRITE BEADS  |                   |          |              |               |                   |
| L3008    | NQR0413-003X  | FERRITE BEADS  |                   |          |              |               |                   |
| L3009    | NQR0413-003X  | FERRITE BEADS  |                   |          |              |               |                   |
| L3010    | NQR0413-003X  | FERRITE BEADS  |                   |          |              |               |                   |
| L3011    | NRSA02J-0R0X  | MG RESISTOR    | 0Ω 1/10W J        |          |              |               |                   |
| L3012    | NQR0413-003X  | FERRITE BEADS  |                   |          |              |               |                   |
| L3501    | NQR0413-003X  | FERRITE BEADS  |                   |          |              |               |                   |
| L4001    | NQR0413-003X  | FERRITE BEADS  |                   |          |              |               |                   |
| L4002    | NQR0413-003X  | FERRITE BEADS  |                   |          |              |               |                   |
| L4003    | NQR0413-003X  | FERRITE BEADS  |                   |          |              |               |                   |
| L6501    | NQR0351-001X  | FERRITE BEADS  |                   |          |              |               |                   |
| L6508    | NQR0504-001X  | EMI FILTER     |                   |          |              |               |                   |
| L6509    | NQR0504-001X  | EMI FILTER     |                   |          |              |               |                   |
| L6510    | NQR0504-001X  | EMI FILTER     |                   |          |              |               |                   |
| L7001    | NRSA63J-0R0X  | MG RESISTOR    | 0Ω 1/16W J        |          |              |               |                   |
| L7002    | NRSA63J-0R0X  | MG RESISTOR    | 0Ω 1/16W J        |          |              |               |                   |
| L7003    | NRSA63J-0R0X  | MG RESISTOR    | 0Ω 1/16W J        |          |              |               |                   |
| L7004    | NRSA63J-0R0X  | MG RESISTOR    | 0Ω 1/16W J        |          |              |               |                   |
| L7005    | NRSA63J-0R0X  | MG RESISTOR    | 0Ω 1/16W J        |          |              |               |                   |
| L7006    | NRSA63J-0R0X  | MG RESISTOR    | 0Ω 1/16W J        |          |              |               |                   |
| L9001    | NRSA02J-0R0X  | MG RESISTOR    | 0Ω 1/10W J        |          |              |               |                   |
| L9201    | NQL71EM-150X  | COIL           | 15uH M            |          |              |               |                   |
| CN001    | QGF0508F1-50X | CONNECTOR      | FFC/FPC (1-50)    |          |              |               |                   |
| CN002    | QGF0508F1-30X | CONNECTOR      | FFC/FPC (1-30)    |          |              |               |                   |
| CN005    | QGB0603L1-B0  | CONNECTOR      | B-B (1-110)       |          |              |               |                   |
| CN0FC    | QGF0508F1-30X | CONNECTOR      | FFC/FPC (1-30)    |          |              |               |                   |
| J001     | NNZ0117-001   | HDMI CONNECTOR | DIGITAL IN        |          |              |               |                   |
| J7001    | QNS0001-001   | 3.5 JACK       | AV COMPULINK III  |          |              |               |                   |

**REAR JACK P.W. BOARD ASS'Y (SRP0J021A-M2)**

REFER TO PARTS LIST IN PAGE 3-30 FOR THIS P.W. BOARD.

**SIDE CONTROL P.W. BOARD ASS'Y (SRP0L021A-M2)**

REFER TO PARTS LIST IN PAGE 3-31 FOR THIS P.W. BOARD.

**FRONT LED P.W. BOARD ASS'Y (SRP0L121A-M2)**

REFER TO PARTS LIST IN PAGE 3-31 FOR THIS P.W. BOARD.

**LAMP COVER SW P.W. BOARD ASS'Y  
(SRP0L205A-M2)**

REFER TO PARTS LIST IN PAGE 3-31 FOR THIS P.W. BOARD.

**RECEIVER P.W. BOARD ASS'Y (SRP0R021A-M2)**

REFER TO PARTS LIST IN PAGE 3-31 FOR THIS P.W. BOARD.

**ATSC TUNER MODULE P.W. BOARD ASS'Y  
(SSD2104A-M2)**

REFER TO PARTS LIST IN PAGE 3-33 FOR THIS P.W. BOARD.

# PRINTED WIRING BOARD PARTS LIST [HD-70G886]

## ANALOG SIGNAL P.W. BOARD ASS'Y (SRP-1021A-M2)

| △Ref No. | Part No.       | Part Name   | Description Local |
|----------|----------------|-------------|-------------------|
| IC201    | TA1370FG-X     | IC          |                   |
| IC202    | SN74AHC1G08V-X | IC          |                   |
| IC301    | AN15852A       | IC          |                   |
| IC501    | CXA2069Q       | IC          |                   |
| IC502    | MM1510XN-X     | IC          |                   |
| IC503    | MM1510XN-X     | IC          |                   |
| IC504    | MM1510XN-X     | IC          |                   |
| IC604    | RC4558D-X      | IC          |                   |
| IC801    | TB1274BFG      | IC          |                   |
| IC802    | TC90A69AF-X    | IC          |                   |
| IC803    | BA50BC0FP-X    | IC          |                   |
| IC902    | TA48M033F-X    | IC          |                   |
| Q301     | 2SC3837K/NP/-X | TRANSISTOR  |                   |
| Q302     | 2SC3837K/NP/-X | TRANSISTOR  |                   |
| Q303     | 2SC3837K/NP/-X | TRANSISTOR  |                   |
| Q304     | 2SC3837K/NP/-X | TRANSISTOR  |                   |
| Q305     | 2SC3837K/NP/-X | TRANSISTOR  |                   |
| Q306     | 2SC3837K/NP/-X | TRANSISTOR  |                   |
| Q307     | 2SA1530A/QR/-X | TRANSISTOR  |                   |
| Q402     | 2SK1374-X      | MOS FET     |                   |
| Q403     | 2SK1374-X      | MOS FET     |                   |
| Q404     | 2SK1374-X      | MOS FET     |                   |
| Q405     | 2SK1374-X      | MOS FET     |                   |
| Q507     | 2SA1530A/QR/-X | TRANSISTOR  |                   |
| Q508     | 2SA1530A/QR/-X | TRANSISTOR  |                   |
| Q509     | 2SA1530A/QR/-X | TRANSISTOR  |                   |
| Q801     | 2SA1530A/QR/-X | TRANSISTOR  |                   |
| Q802     | 2SA1530A/QR/-X | TRANSISTOR  |                   |
| Q810     | 2SA1530A/QR/-X | TRANSISTOR  |                   |
| Q851     | 2SA1530A/QR/-X | TRANSISTOR  |                   |
| Q853     | 2SC3928A/QR/-X | TRANSISTOR  |                   |
| Q854     | 2SC3928A/QR/-X | TRANSISTOR  |                   |
| Q855     | 2SA1530A/QR/-X | TRANSISTOR  |                   |
| Q858     | 2SC3928A/QR/-X | TRANSISTOR  |                   |
| Q859     | 2SA1530A/QR/-X | TRANSISTOR  |                   |
| Q862     | 2SC3928A/QR/-X | TRANSISTOR  |                   |
| Q863     | 2SC3928A/QR/-X | TRANSISTOR  |                   |
| Q901     | 2SC3074/OY/-X  | TRANSISTOR  |                   |
| QB613    | 2SC3928A/QR/-X | TRANSISTOR  |                   |
| QB614    | 2SA1530A/QR/-X | TRANSISTOR  |                   |
| D501     | MA8100/M/-X    | Z DIODE     |                   |
| D903     | PTZ11B-X       | Z DIODE     |                   |
| D904     | PTZ6.8B-X      | Z DIODE     |                   |
| DB201    | MA8033-X       | Z DIODE     |                   |
| DB301    | MA8100/M/-X    | Z DIODE     |                   |
| DB302    | MA8100/M/-X    | Z DIODE     |                   |
| DB601    | MA111-X        | SI DIODE    |                   |
| DB602    | MA111-X        | SI DIODE    |                   |
| DB605    | MA111-X        | SI DIODE    |                   |
| C201     | NCB31HK-103X   | C CAPACITOR | 0.01uF 50V K      |
| C202     | NEH71HM-225X   | E CAPACITOR | 2.2uF 50V M       |
| C203     | NCB31HK-103X   | C CAPACITOR | 0.01uF 50V K      |
| C204     | NEHL1AM-107X   | E CAPACITOR | 100uF 10V M       |
| C205     | NEH71HM-105X   | E CAPACITOR | 1uF 50V M         |
| C206     | NCB21CK-105X   | C CAPACITOR | 1uF 16V K         |
| C207     | NCB31AK-105X   | C CAPACITOR | 1uF 10V K         |
| C301     | NCF31CZ-104X   | C CAPACITOR | 0.1uF 16V Z       |
| C302     | NEHL1CM-476X   | E CAPACITOR | 47uF 16V M        |
| C306     | NCB31HK-103X   | C CAPACITOR | 0.01uF 50V K      |
| C307     | NCB31HK-103X   | C CAPACITOR | 0.01uF 50V K      |
| C308     | NCB31HK-103X   | C CAPACITOR | 0.01uF 50V K      |
| C319     | NEHL1CM-476X   | E CAPACITOR | 47uF 16V M        |
| C320     | NCB31CK-104X   | C CAPACITOR | 0.1uF 16V K       |
| C321     | NEHL1CM-106X   | E CAPACITOR | 10uF 16V M        |
| C322     | NCF31CZ-104X   | C CAPACITOR | 0.1uF 16V Z       |
| C323     | NEHL1CM-476X   | E CAPACITOR | 47uF 16V M        |
| C324     | NCB21CK-105X   | C CAPACITOR | 1uF 16V K         |
| C325     | NCB21CK-105X   | C CAPACITOR | 1uF 16V K         |
| C326     | NCB21CK-105X   | C CAPACITOR | 1uF 16V K         |
| C327     | NCB21CK-105X   | C CAPACITOR | 1uF 16V K         |
| C328     | NCB21CK-105X   | C CAPACITOR | 1uF 16V K         |
| C329     | NCB21CK-105X   | C CAPACITOR | 1uF 16V K         |
| C330     | NCB21CK-105X   | C CAPACITOR | 1uF 16V K         |
| C339     | NCB21CK-105X   | C CAPACITOR | 1uF 16V K         |
| C340     | NCB21CK-105X   | C CAPACITOR | 1uF 16V K         |
| C341     | NCB31HK-472X   | C CAPACITOR | 4700pF 50V K      |
| C342     | NCB31HK-472X   | C CAPACITOR | 4700pF 50V K      |

| △Ref No. | Part No.     | Part Name      | Description Local |
|----------|--------------|----------------|-------------------|
| C343     | NCB21CK-105X | C CAPACITOR    | 1uF 16V K         |
| C346     | NCB21CK-105X | C CAPACITOR    | 1uF 16V K         |
| C348     | NCF31CZ-104X | C CAPACITOR    | 0.1uF 16V Z       |
| C349     | NENA1EM-106X | BP E CAPACITOR | 10uF 25V M        |
| C351     | NCF31CZ-104X | C CAPACITOR    | 0.1uF 16V Z       |
| C354     | NCF31CZ-104X | C CAPACITOR    | 0.1uF 16V Z       |
| C355     | NRSA02J-0R0X | MG RESISTOR    | 0Ω 1/10W J        |
| C356     | NRSA02J-0R0X | MG RESISTOR    | 0Ω 1/10W J        |
| C357     | NRSA02J-0R0X | MG RESISTOR    | 0Ω 1/10W J        |
| C360     | NCB21AK-225X | C CAPACITOR    | 2.2uF 10V K       |
| C361     | NCB21AK-225X | C CAPACITOR    | 2.2uF 10V K       |
| C362     | NCB21AK-225X | C CAPACITOR    | 2.2uF 10V K       |
| C363     | NCB21CK-105X | C CAPACITOR    | 1uF 16V K         |
| C364     | NCB21CK-105X | C CAPACITOR    | 1uF 16V K         |
| C372     | NCF31CZ-104X | C CAPACITOR    | 0.1uF 16V Z       |
| C382     | NCF31CZ-104X | C CAPACITOR    | 0.1uF 16V Z       |
| C392     | NCF31CZ-104X | C CAPACITOR    | 0.1uF 16V Z       |
| C403     | NEHL1CM-476X | E CAPACITOR    | 47uF 16V M        |
| C404     | NCB31EK-473X | C CAPACITOR    | 0.047uF 25V K     |
| C405     | NCB11CK-475X | C CAPACITOR    | 4.7uF 16V K       |
| C406     | NCB11CK-475X | C CAPACITOR    | 4.7uF 16V K       |
| C501     | NEHL1CM-476X | E CAPACITOR    | 47uF 16V M        |
| C502     | NEHL1CM-476X | E CAPACITOR    | 47uF 16V M        |
| C503     | NENA1EM-106X | BP E CAPACITOR | 10uF 25V M        |
| C505     | NENA1EM-106X | BP E CAPACITOR | 10uF 25V M        |
| C506     | NDC31HJ-270X | C CAPACITOR    | 27pF 50V J        |
| C515     | NCB21CK-105X | C CAPACITOR    | 1uF 16V K         |
| C516     | NEHL1CM-106X | E CAPACITOR    | 10uF 16V M        |
| C517     | NEHL1AM-107X | E CAPACITOR    | 100uF 10V M       |
| C519     | NEH71HM-106X | E CAPACITOR    | 10uF 50V M        |
| C520     | NCB21CK-105X | C CAPACITOR    | 1uF 16V K         |
| C521     | NEHL1CM-106X | E CAPACITOR    | 10uF 16V M        |
| C522     | NEHL1AM-107X | E CAPACITOR    | 100uF 10V M       |
| C523     | NEHL1CM-106X | E CAPACITOR    | 10uF 16V M        |
| C524     | NCB21CK-105X | C CAPACITOR    | 1uF 16V K         |
| C525     | NEHL1CM-106X | E CAPACITOR    | 10uF 16V M        |
| C526     | NEHL1AM-107X | E CAPACITOR    | 100uF 10V M       |
| C527     | NEHL1CM-106X | E CAPACITOR    | 10uF 16V M        |
| C661     | NEHL1CM-476X | E CAPACITOR    | 47uF 16V M        |
| C663     | NEHL1CM-106X | E CAPACITOR    | 10uF 16V M        |
| C664     | NEHL1CM-476X | E CAPACITOR    | 47uF 16V M        |
| C666     | NEHL1CM-106X | E CAPACITOR    | 10uF 16V M        |
| C801     | NCB31CK-104X | C CAPACITOR    | 0.1uF 16V K       |
| C802     | NCB31CK-104X | C CAPACITOR    | 0.1uF 16V K       |
| C803     | NCB31CK-104X | C CAPACITOR    | 0.1uF 16V K       |
| C804     | NEHL1CM-476X | E CAPACITOR    | 47uF 16V M        |
| C805     | NCB31HK-103X | C CAPACITOR    | 0.01uF 50V K      |
| C806     | NCB31HK-103X | C CAPACITOR    | 0.01uF 50V K      |
| C807     | NEHL1CM-476X | E CAPACITOR    | 47uF 16V M        |
| C808     | NCB31HK-103X | C CAPACITOR    | 0.01uF 50V K      |
| C809     | NCF11CZ-475X | C CAPACITOR    | 4.7uF 16V Z       |
| C813     | NEHL1CM-476X | E CAPACITOR    | 47uF 16V M        |
| C814     | NCB31HK-103X | C CAPACITOR    | 0.01uF 50V K      |
| C818     | NEH71HM-106X | E CAPACITOR    | 10uF 50V M        |
| C819     | NDC31HJ-8R0X | C CAPACITOR    | 8pF 50V J         |
| C820     | NCB31AK-474X | C CAPACITOR    | 0.47uF 10V K      |
| C821     | NCB31HK-103X | C CAPACITOR    | 0.01uF 50V K      |
| C822     | NCB21AK-225X | C CAPACITOR    | 2.2uF 10V K       |
| C823     | NCB31HK-153X | C CAPACITOR    | 0.015uF 50V K     |
| C824     | NCB31HK-103X | C CAPACITOR    | 0.01uF 50V K      |
| C825     | NDC31HJ-180X | C CAPACITOR    | 18pF 50V J        |
| C826     | NEH71EM-226X | E CAPACITOR    | 22uF 25V M        |
| C827     | NEHL0JM-107X | E CAPACITOR    | 100uF 6.3V M      |
| C828     | NCB31CK-104X | C CAPACITOR    | 0.1uF 16V K       |
| C835     | NCB31HK-103X | C CAPACITOR    | 0.01uF 50V K      |
| C850     | NDC31HJ-180X | C CAPACITOR    | 18pF 50V J        |
| C851     | NDC31HJ-560X | C CAPACITOR    | 56pF 50V J        |
| C852     | NDC31HJ-560X | C CAPACITOR    | 56pF 50V J        |
| C853     | NEHL1CM-476X | E CAPACITOR    | 47uF 16V M        |
| C854     | NCB31CK-104X | C CAPACITOR    | 0.1uF 16V K       |
| C855     | NCB31HK-103X | C CAPACITOR    | 0.01uF 50V K      |
| C856     | NCB31HK-103X | C CAPACITOR    | 0.01uF 50V K      |
| C857     | NCB31HK-103X | C CAPACITOR    | 0.01uF 50V K      |
| C858     | NCB31HK-103X | C CAPACITOR    | 0.01uF 50V K      |
| C859     | NCB31AK-474X | C CAPACITOR    | 0.47uF 10V K      |
| C860     | NCB31HK-103X | C CAPACITOR    | 0.01uF 50V K      |
| C861     | NDC31HJ-681X | C CAPACITOR    | 680pF 50V J       |
| C862     | NCB31CK-104X | C CAPACITOR    | 0.1uF 16V K       |
| C863     | NCB31HK-103X | C CAPACITOR    | 0.01uF 50V K      |
| C864     | NCB31HK-103X | C CAPACITOR    | 0.01uF 50V K      |
| C865     | NDC31HJ-560X | C CAPACITOR    | 56pF 50V J        |
| C866     | NDC31HJ-560X | C CAPACITOR    | 56pF 50V J        |
| C868     | NCB31CK-104X | C CAPACITOR    | 0.1uF 16V K       |
| C869     | NDC31HJ-560X | C CAPACITOR    | 56pF 50V J        |

| △Ref No. | Part No.     | Part Name   | Description Local | △Ref No. | Part No.     | Part Name   | Description Local |
|----------|--------------|-------------|-------------------|----------|--------------|-------------|-------------------|
| C870     | NDC31HJ-560X | C CAPACITOR | 56pF 50V J        | R405     | NRSA63J-332X | MG RESISTOR | 3.3kΩ 1/16W J     |
| C872     | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K       | R501     | NRSA63J-221X | MG RESISTOR | 220Ω 1/16W J      |
| C873     | NDC31HJ-330X | C CAPACITOR | 33pF 50V J        | R502     | NRSA63J-682X | MG RESISTOR | 6.8kΩ 1/16W J     |
| C874     | NDC31HJ-150X | C CAPACITOR | 15pF 50V J        | R503     | NRSA63J-221X | MG RESISTOR | 220Ω 1/16W J      |
| C875     | NDC31HJ-100X | C CAPACITOR | 10pF 50V J        | R504     | NRSA63J-682X | MG RESISTOR | 6.8kΩ 1/16W J     |
| C876     | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K      | R505     | NRSA63J-221X | MG RESISTOR | 220Ω 1/16W J      |
| C877     | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K      | R506     | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J       |
| C878     | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K       | R507     | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J       |
| C879     | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K       | R509     | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J        |
| C880     | NEHL1AM-107X | E CAPACITOR | 100uF 10V M       | R510     | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J        |
| C881     | NEHL1AM-107X | E CAPACITOR | 100uF 10V M       | R511     | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J        |
| C882     | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K      | R512     | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J        |
| C883     | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K      | R513     | NRSA63J-221X | MG RESISTOR | 220Ω 1/16W J      |
| C884     | NEHL1AM-107X | E CAPACITOR | 100uF 10V M       | R514     | NRSA63J-682X | MG RESISTOR | 6.8kΩ 1/16W J     |
| C885     | NEHL1AM-107X | E CAPACITOR | 100uF 10V M       | R516     | NRSA63J-221X | MG RESISTOR | 220Ω 1/16W J      |
| C886     | NEH71HM-106X | E CAPACITOR | 10uF 50V M        | R517     | NRSA63J-682X | MG RESISTOR | 6.8kΩ 1/16W J     |
| C887     | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K       | R518     | NRSA63J-221X | MG RESISTOR | 220Ω 1/16W J      |
| C888     | NEHL1AM-107X | E CAPACITOR | 100uF 10V M       | R519     | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J        |
| C889     | NEH71HM-106X | E CAPACITOR | 10uF 50V M        | R520     | NRSA63J-221X | MG RESISTOR | 220Ω 1/16W J      |
| C890     | NEH71HM-106X | E CAPACITOR | 10uF 50V M        | R521     | NRSA63J-682X | MG RESISTOR | 6.8kΩ 1/16W J     |
| C891     | NEHL1CM-476X | E CAPACITOR | 47uF 16V M        | R522     | NRSA63J-221X | MG RESISTOR | 220Ω 1/16W J      |
| C892     | NDC31HJ-180X | C CAPACITOR | 18pF 50V J        | R523     | NRSA63J-682X | MG RESISTOR | 6.8kΩ 1/16W J     |
| C894     | NDC31HJ-180X | C CAPACITOR | 18pF 50V J        | R524     | NRSA63J-221X | MG RESISTOR | 220Ω 1/16W J      |
| C895     | NDC31HJ-680X | C CAPACITOR | 68pF 50V J        | R526     | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J        |
| C904     | NCB11AK-106X | C CAPACITOR | 10uF 10V K        | R527     | NRSA63J-682X | MG RESISTOR | 6.8kΩ 1/16W J     |
| C905     | NEHM1CM-476X | E CAPACITOR | 47uF 16V M        | R528     | NRSA63J-221X | MG RESISTOR | 220Ω 1/16W J      |
| C911     | NEX51CM-335X | E CAPACITOR | 3.3uF 16V M       | R529     | NRSA63J-682X | MG RESISTOR | 6.8kΩ 1/16W J     |
| C912     | NEHL1CM-476X | E CAPACITOR | 47uF 16V M        | R530     | NRSA63J-221X | MG RESISTOR | 220Ω 1/16W J      |
| C913     | NEX51CM-335X | E CAPACITOR | 3.3uF 16V M       | R531     | NRSA63J-221X | MG RESISTOR | 220Ω 1/16W J      |
| C916     | NEX50JM-156X | E CAPACITOR | 15uF 6.3V M       | R532     | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J        |
| CB401    | NEH71HM-105X | E CAPACITOR | 1uF 50V M         | R533     | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J        |
| CB501    | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K       | R534     | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J       |
| CB506    | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K       | R538     | NRSA63J-682X | MG RESISTOR | 6.8kΩ 1/16W J     |
| CB507    | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K       | R539     | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J        |
| CB508    | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K       | R540     | NRSA63J-682X | MG RESISTOR | 6.8kΩ 1/16W J     |
| CB613    | NEHL1CM-106X | E CAPACITOR | 10uF 16V M        | R541     | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J        |
| CB614    | NEHL1CM-476X | E CAPACITOR | 47uF 16V M        | R573     | NRSA63J-222X | MG RESISTOR | 2.2kΩ 1/16W J     |
| R201     | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J        | R574     | NRSA63J-222X | MG RESISTOR | 2.2kΩ 1/16W J     |
| R202     | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J        | R575     | NRSA63J-562X | MG RESISTOR | 5.6kΩ 1/16W J     |
| R203     | NRSA63J-822X | MG RESISTOR | 8.2kΩ 1/16W J     | R576     | NRSA63J-222X | MG RESISTOR | 2.2kΩ 1/16W J     |
| R204     | NRSA63J-331X | MG RESISTOR | 330Ω 1/16W J      | R577     | NRSA63J-222X | MG RESISTOR | 2.2kΩ 1/16W J     |
| R207     | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J        | R578     | NRSA63J-562X | MG RESISTOR | 5.6kΩ 1/16W J     |
| R208     | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J        | R579     | NRSA63J-222X | MG RESISTOR | 2.2kΩ 1/16W J     |
| R211     | NRSA63J-222X | MG RESISTOR | 2.2kΩ 1/16W J     | R580     | NRSA63J-222X | MG RESISTOR | 2.2kΩ 1/16W J     |
| R212     | NRSA63J-222X | MG RESISTOR | 2.2kΩ 1/16W J     | R581     | NRSA63J-562X | MG RESISTOR | 5.6kΩ 1/16W J     |
| R213     | NRSA63J-330X | MG RESISTOR | 33Ω 1/16W J       | R582     | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J        |
| R214     | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J      | R583     | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J        |
| R216     | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J      | R584     | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J        |
| R218     | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J        | R631     | NRSA63J-472X | MG RESISTOR | 4.7kΩ 1/16W J     |
| R219     | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J        | R632     | NRSA63J-472X | MG RESISTOR | 4.7kΩ 1/16W J     |
| R230     | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J      | R633     | NRSA63J-104X | MG RESISTOR | 100kΩ 1/16W J     |
| R232     | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J      | R634     | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J      |
| R302     | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J        | R635     | NRSA63J-472X | MG RESISTOR | 4.7kΩ 1/16W J     |
| R303     | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J        | R636     | NRSA63J-472X | MG RESISTOR | 4.7kΩ 1/16W J     |
| R304     | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J        | R637     | NRSA63J-104X | MG RESISTOR | 100kΩ 1/16W J     |
| R305     | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J        | R665     | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J        |
| R306     | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J        | R666     | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J        |
| R310     | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J      | R667     | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J      |
| R311     | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J      | R672     | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J        |
| R316     | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J        | R674     | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J        |
| R318     | NRSA63J-470X | MG RESISTOR | 47Ω 1/16W J       | R801     | NRSA63J-222X | MG RESISTOR | 2.2kΩ 1/16W J     |
| R319     | NRSA63J-471X | MG RESISTOR | 470Ω 1/16W J      | R802     | NRSA63J-222X | MG RESISTOR | 2.2kΩ 1/16W J     |
| R321     | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J        | R803     | NRSA63J-332X | MG RESISTOR | 3.3kΩ 1/16W J     |
| R323     | NRSA63J-470X | MG RESISTOR | 47Ω 1/16W J       | R804     | NRSA63J-222X | MG RESISTOR | 2.2kΩ 1/16W J     |
| R324     | NRSA63J-471X | MG RESISTOR | 470Ω 1/16W J      | R805     | NRSA63J-222X | MG RESISTOR | 2.2kΩ 1/16W J     |
| R326     | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J        | R806     | NRSA63J-332X | MG RESISTOR | 3.3kΩ 1/16W J     |
| R328     | NRSA63J-470X | MG RESISTOR | 47Ω 1/16W J       | R807     | NRSA63J-752X | MG RESISTOR | 7.5kΩ 1/16W J     |
| R329     | NRSA63J-471X | MG RESISTOR | 470Ω 1/16W J      | R808     | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J      |
| R334     | NRSA63J-222X | MG RESISTOR | 2.2kΩ 1/16W J     | R809     | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J      |
| R335     | NRSA63J-222X | MG RESISTOR | 2.2kΩ 1/16W J     | R816     | NRSA63J-273X | MG RESISTOR | 27kΩ 1/16W J      |
| R336     | NRSA63J-562X | MG RESISTOR | 5.6kΩ 1/16W J     | R817     | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J      |
| R337     | NRSA63J-750X | MG RESISTOR | 75Ω 1/16W J       | R818     | NRSA63J-332X | MG RESISTOR | 3.3kΩ 1/16W J     |
| R338     | NRSA63J-750X | MG RESISTOR | 75Ω 1/16W J       | R819     | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J      |
| R339     | NRSA63J-750X | MG RESISTOR | 75Ω 1/16W J       | R839     | NRSA63J-222X | MG RESISTOR | 2.2kΩ 1/16W J     |
| R372     | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J        | R840     | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J      |
| R374     | NRSA63J-471X | MG RESISTOR | 470Ω 1/16W J      | R851     | NRSA63J-391X | MG RESISTOR | 390Ω 1/16W J      |
| R375     | NRSA63J-750X | MG RESISTOR | 75Ω 1/16W J       | R852     | NRSA63J-391X | MG RESISTOR | 390Ω 1/16W J      |
| R382     | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J        | R853     | NRSA63J-183X | MG RESISTOR | 18kΩ 1/16W J      |
| R384     | NRSA63J-471X | MG RESISTOR | 470Ω 1/16W J      | R854     | NRSA63J-822X | MG RESISTOR | 8.2kΩ 1/16W J     |
| R385     | NRSA63J-750X | MG RESISTOR | 75Ω 1/16W J       | R855     | NRSA63J-682X | MG RESISTOR | 6.8kΩ 1/16W J     |
| R392     | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J        | R856     | NRSA63J-105X | MG RESISTOR | 1MΩ 1/16W J       |
| R394     | NRSA63J-471X | MG RESISTOR | 470Ω 1/16W J      | R859     | NRSA63J-821X | MG RESISTOR | 820Ω 1/16W J      |
| R395     | NRSA63J-750X | MG RESISTOR | 75Ω 1/16W J       | R860     | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J      |
| R402     | NRSA63J-332X | MG RESISTOR | 3.3kΩ 1/16W J     | R861     | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J      |
| R403     | NRSA63J-332X | MG RESISTOR | 3.3kΩ 1/16W J     | R862     | NRSA63J-331X | MG RESISTOR | 330Ω 1/16W J      |
| R404     | NRSA63J-332X | MG RESISTOR | 3.3kΩ 1/16W J     | R863     | NRSA63J-821X | MG RESISTOR | 820Ω 1/16W J      |
|          |              |             |                   | R864     | NRSA63J-391X | MG RESISTOR | 390Ω 1/16W J      |

| △Ref No. | Part No.      | Part Name     | Description Local | △Ref No. | Part No.       | Part Name       | Description Local |
|----------|---------------|---------------|-------------------|----------|----------------|-----------------|-------------------|
| R865     | NRSA63J-391X  | MG RESISTOR   | 390Ω 1/16W J      | Q2803    | 2SC3928A/QR/-X | TRANSISTOR      |                   |
| R866     | NRSA63J-0R0X  | MG RESISTOR   | 0Ω 1/16W J        | Q2804    | 2SC3928A/QR/-X | TRANSISTOR      |                   |
| R867     | NRSA63J-0R0X  | MG RESISTOR   | 0Ω 1/16W J        | Q2805    | 2SA1530A/QR/-X | TRANSISTOR      |                   |
| R869     | NRSA63J-562X  | MG RESISTOR   | 5.6kΩ 1/16W J     | Q2806    | UN2213-X       | DIGI TRANSISTOR |                   |
| R873     | NRSA63J-821X  | MG RESISTOR   | 820Ω 1/16W J      | Q2807    | UN2213-X       | DIGI TRANSISTOR |                   |
| R874     | NRSA63J-391X  | MG RESISTOR   | 390Ω 1/16W J      |          |                |                 |                   |
| R876     | NRSA63J-0R0X  | MG RESISTOR   | 0Ω 1/16W J        | D2001    | D1FS4-X        | SB DIODE        |                   |
| R877     | NRSA63J-821X  | MG RESISTOR   | 820Ω 1/16W J      | D2002    | MA111-X        | SI DIODE        |                   |
| R879     | NRSA63J-562X  | MG RESISTOR   | 5.6kΩ 1/16W J     | D2102    | FSQ05A04       | SB DIODE        |                   |
| R883     | NRSA63J-471X  | MG RESISTOR   | 470Ω 1/16W J      | D2103    | MTZJ11B-T2     | Z DIODE         |                   |
| R884     | NRSA63J-152X  | MG RESISTOR   | 1.5kΩ 1/16W J     | D2202    | FSQ05A04       | SB DIODE        |                   |
| R885     | NRSA63J-123X  | MG RESISTOR   | 12kΩ 1/16W J      | D2203    | MTZJ6.8B-T2    | Z DIODE         |                   |
| R886     | NRSA63J-562X  | MG RESISTOR   | 5.6kΩ 1/16W J     | D2302    | EC30HA03L-X    | SB DIODE        |                   |
| R887     | NRSA63J-102X  | MG RESISTOR   | 1kΩ 1/16W J       | D2303    | EC30HA03L-X    | SB DIODE        |                   |
| R888     | NRSA63J-102X  | MG RESISTOR   | 1kΩ 1/16W J       | D2304    | MTZJ3.9B-T2    | Z DIODE         |                   |
| R889     | NRSA63J-102X  | MG RESISTOR   | 1kΩ 1/16W J       | D2401    | MA111-X        | SI DIODE        |                   |
| R893     | NRSA63J-682X  | MG RESISTOR   | 6.8kΩ 1/16W J     | D2402    | EC30HA03L-X    | SB DIODE        |                   |
| R907     | NRS12BJ-331W  | MG RESISTOR   | 330Ω 1/2W J       | D2403    | EC30HA03L-X    | SB DIODE        |                   |
| R917     | NRSA63J-0R0X  | MG RESISTOR   | 0Ω 1/16W J        | D2404    | MTZJ3.9B-T2    | Z DIODE         |                   |
| RB203    | NRSA63J-271X  | MG RESISTOR   | 270Ω 1/16W J      | D2701    | MA8051/M/-X    | Z DIODE         |                   |
| RB401    | NRSA63J-222X  | MG RESISTOR   | 2.2kΩ 1/16W J     | D2801    | MA111-X        | SI DIODE        |                   |
| RB402    | NRSA63J-332X  | MG RESISTOR   | 3.3kΩ 1/16W J     | D2802    | MA8051/M/-X    | Z DIODE         |                   |
| RB502    | NRSA63J-0R0X  | MG RESISTOR   | 0Ω 1/16W J        | D2803    | MA111-X        | SI DIODE        |                   |
| RB503    | NRSA63J-0R0X  | MG RESISTOR   | 0Ω 1/16W J        | D2804    | MA111-X        | SI DIODE        |                   |
| RB505    | NRSA63J-0R0X  | MG RESISTOR   | 0Ω 1/16W J        | D2805    | MA111-X        | SI DIODE        |                   |
| RB507    | NRSA63J-0R0X  | MG RESISTOR   | 0Ω 1/16W J        | D2806    | MA8051/M/-X    | Z DIODE         |                   |
| RB508    | NRSA63J-0R0X  | MG RESISTOR   | 0Ω 1/16W J        | D2807    | MA111-X        | SI DIODE        |                   |
| RB513    | NRSA63J-0R0X  | MG RESISTOR   | 0Ω 1/16W J        | D2808    | MA111-X        | SI DIODE        |                   |
| RB516    | NRSA63J-0R0X  | MG RESISTOR   | 0Ω 1/16W J        | D2809    | MA111-X        | SI DIODE        |                   |
| RB520    | NRSA63J-0R0X  | MG RESISTOR   | 0Ω 1/16W J        |          |                |                 |                   |
| RB617    | NRSA63J-563X  | MG RESISTOR   | 56kΩ 1/16W J      | C2001    | QETN1EM-107Z   | E CAPACITOR     | 100uF 25V M       |
| RB618    | NRSA63J-102X  | MG RESISTOR   | 1kΩ 1/16W J       | C2002    | QETN1EM-107Z   | E CAPACITOR     | 100uF 25V M       |
| RB619    | NRSA63J-104X  | MG RESISTOR   | 100kΩ 1/16W J     | C2003    | NCB31HK-102X   | C CAPACITOR     | 1000pF 50V K      |
| RB620    | NRSA63J-153X  | MG RESISTOR   | 15kΩ 1/16W J      | C2101    | QETN1EM-108Z   | E CAPACITOR     | 1000uF 25V M      |
| RB621    | NRSA63J-563X  | MG RESISTOR   | 56kΩ 1/16W J      | C2102    | NCB31EK-104X   | C CAPACITOR     | 0.1uF 25V K       |
| RB623    | NRSA63J-0R0X  | MG RESISTOR   | 0Ω 1/16W J        | C2103    | QEZ0255-128    | E CAPACITOR     | 1200uF 16V M      |
| RB624    | NRSA63J-563X  | MG RESISTOR   | 56kΩ 1/16W J      | C2106    | NCB31HK-102X   | C CAPACITOR     | 1000pF 50V K      |
| RB625    | NRSA63J-0R0X  | MG RESISTOR   | 0Ω 1/16W J        | C2107    | QETN1HM-105Z   | E CAPACITOR     | 1uF 50V M         |
| RB801    | NRSA63J-0R0X  | MG RESISTOR   | 0Ω 1/16W J        | C2108    | NCB31HK-103X   | C CAPACITOR     | 0.01uF 50V K      |
|          |               |               |                   | C2201    | QETN1EM-108Z   | E CAPACITOR     | 1000uF 25V M      |
| L201     | NQL914K-101X  | COIL          | 100uH K           | C2202    | NCB31EK-104X   | C CAPACITOR     | 0.1uF 25V K       |
| L807     | NQR0413-003X  | FERRITE BEADS |                   | C2203    | QEZ0256-128    | E CAPACITOR     | 1200uF 10V M      |
| L808     | NQR0413-003X  | FERRITE BEADS |                   | C2206    | NCB31HK-102X   | C CAPACITOR     | 1000pF 50V K      |
| L809     | NQR0413-003X  | FERRITE BEADS |                   | C2207    | QEZ0256-128    | E CAPACITOR     | 1200uF 10V M      |
| L851     | NQL092K-6R8X  | COIL          | 6.8uH K           | C2209    | NCB31HK-103X   | C CAPACITOR     | 0.01uF 50V K      |
| L852     | NQL092K-6R8X  | COIL          | 6.8uH K           | C2303    | QCZ0397-106Z   | C CAPACITOR     | 10uF              |
| L853     | NQL092K-6R8X  | COIL          | 6.8uH K           | C2304    | NCB31HK-103X   | C CAPACITOR     | 0.01uF 50V K      |
| L854     | NQL092M-270X  | CHIP P COIL   | 27uH M            | C2305    | QCZ0396-226Z   | C CAPACITOR     | 22uF              |
| L855     | NQL904J-560X  | COIL          | 56uH J            | C2306    | QCZ0396-226Z   | C CAPACITOR     | 22uF              |
| L861     | NQL914K-220X  | COIL          | 22uH K            | C2308    | NDC31HJ-121X   | C CAPACITOR     | 120pF 50V J       |
| L862     | NQL914K-101X  | COIL          | 100uH K           | C2309    | NCB31HK-222X   | C CAPACITOR     | 2200pF 50V K      |
| L863     | NQL914K-101X  | COIL          | 100uH K           | C2311    | NCB31HK-102X   | C CAPACITOR     | 1000pF 50V K      |
| L864     | NQL914K-101X  | COIL          | 100uH K           | C2401    | NCB31HK-822X   | C CAPACITOR     | 8200pF 50V K      |
| L865     | NQL914K-220X  | COIL          | 22uH K            | C2403    | QCZ0397-106Z   | C CAPACITOR     | 10uF              |
| L866     | NQL914K-220X  | COIL          | 22uH K            | C2404    | NCB31HK-103X   | C CAPACITOR     | 0.01uF 50V K      |
| L867     | NQL914K-220X  | COIL          | 22uH K            | C2405    | QCZ0396-226Z   | C CAPACITOR     | 22uF              |
| L901     | NQL52EM-220X  | COIL          | 22uH M            | C2406    | QCZ0396-226Z   | C CAPACITOR     | 22uF              |
| L902     | NQL52EM-220X  | COIL          | 22uH M            | C2408    | NDC31HJ-121X   | C CAPACITOR     | 120pF 50V J       |
| L904     | NQL52EM-220X  | COIL          | 22uH M            | C2409    | NCB31HK-222X   | C CAPACITOR     | 2200pF 50V K      |
|          |               |               |                   | C2411    | NCB31HK-102X   | C CAPACITOR     | 1000pF 50V K      |
| CN001    | QGF0508C1-50W | CONNECTOR     | FFC/FPC (1-50)    | C2701    | NCB31CK-105X   | C CAPACITOR     | 1uF 16V K         |
| CN002    | QGF0508C1-30W | CONNECTOR     | FFC/FPC (1-30)    | C2703    | QETN1EM-107Z   | E CAPACITOR     | 100uF 25V M       |
| CN00F    | QGF0508C1-50W | CONNECTOR     | FFC/FPC (1-50)    | C2704    | QETN1CM-107Z   | E CAPACITOR     | 100uF 16V M       |
| CN00T    | QGF0508C1-40W | CONNECTOR     | FFC/FPC (1-40)    | C2801    | NCB31CK-105X   | C CAPACITOR     | 1uF 16V K         |
| CN0J1    | QGF0508C1-50W | CONNECTOR     | FFC/FPC (1-50)    | C2802    | QETN1CM-107Z   | E CAPACITOR     | 100uF 16V M       |
| CN0J2    | QGF0508C1-50W | CONNECTOR     | FFC/FPC (1-50)    |          |                |                 |                   |
| X201     | CSB503F30-T2  | C RESONATOR   |                   | R2001    | NRSA63J-472X   | MG RESISTOR     | 4.7kΩ 1/16W J     |
| X801     | NAX0621-001X  | CRYSTAL       | 16.200MHz         | R2004    | NRSA02J-0R0X   | MG RESISTOR     | 0Ω 1/10W J        |
|          |               |               |                   | R2101    | NRSA63D-683X   | MG RESISTOR     | 68kΩ 1/16W D      |
|          |               |               |                   | R2102    | NRSA63D-103X   | MG RESISTOR     | 10kΩ 1/16W D      |
|          |               |               |                   | R2103    | NRSA63D-152X   | MG RESISTOR     | 1.5kΩ 1/16W D     |
|          |               |               |                   | R2104    | NRSA63D-153X   | MG RESISTOR     | 15kΩ 1/16W D      |
|          |               |               |                   | R2105    | NRS12BJ-101W   | MG RESISTOR     | 100Ω 1/2W J       |
|          |               |               |                   | R2107    | NRS12BJ-331W   | MG RESISTOR     | 330Ω 1/2W J       |
|          |               |               |                   | R2201    | NRSA63D-333X   | MG RESISTOR     | 33kΩ 1/16W D      |
|          |               |               |                   | R2202    | NRSA63D-103X   | MG RESISTOR     | 10kΩ 1/16W D      |
|          |               |               |                   | R2203    | NRSA63D-302X   | MG RESISTOR     | 3kΩ 1/16W D       |
|          |               |               |                   | R2204    | NRSA63D-153X   | MG RESISTOR     | 15kΩ 1/16W D      |
|          |               |               |                   | R2205    | NRS12BJ-331W   | MG RESISTOR     | 330Ω 1/2W J       |
|          |               |               |                   | R2206    | NRS12BJ-331W   | MG RESISTOR     | 330Ω 1/2W J       |
|          |               |               |                   | R2207    | NRSA02J-0R0X   | MG RESISTOR     | 0Ω 1/10W J        |
|          |               |               |                   | R2301    | NRSA63J-473X   | MG RESISTOR     | 47kΩ 1/16W J      |
|          |               |               |                   | R2303    | NRSA02J-0R0X   | MG RESISTOR     | 0Ω 1/10W J        |
|          |               |               |                   | R2304    | NRSA63J-680X   | MG RESISTOR     | 68Ω 1/16W J       |
|          |               |               |                   | R2305    | NRSA63J-103X   | MG RESISTOR     | 10kΩ 1/16W J      |
|          |               |               |                   | R2306    | NRSA63D-183X   | MG RESISTOR     | 18kΩ 1/16W D      |
|          |               |               |                   | R2307    | NRSA63J-474X   | MG RESISTOR     | 470kΩ 1/16W J     |

## REGULATOR P.W. BOARD ASS'Y (SRP-2021A-M2)

| △Ref No. | Part No.       | Part Name  | Description Local |
|----------|----------------|------------|-------------------|
| IC2001   | PQ120RDA1SZ    | IC         |                   |
| IC2101   | PQ1CG2032FZ    | IC         |                   |
| IC2201   | PQ1CG2032FZ    | IC         |                   |
| IC2301   | MP1580HS-X     | IC         |                   |
| IC2401   | MP1580HS-X     | IC         |                   |
| IC2701   | M62320FP-X     | IC         |                   |
| IC2702   | BA50BC0FP-X    | IC         |                   |
| Q2101    | 2SC3074/OY/-X  | TRANSISTOR |                   |
| Q2801    | 2SC3928A/QR/-X | TRANSISTOR |                   |
| Q2802    | 2SC3928A/QR/-X | TRANSISTOR |                   |



| △Ref No. | Part No.     | Part Name    | Description Local | △Ref No. | Part No.        | Part Name     | Description Local |
|----------|--------------|--------------|-------------------|----------|-----------------|---------------|-------------------|
| R2308    | NRSA63D-103X | MG RESISTOR  | 10kΩ 1/16W D      | IC3361   | LMC6024IM-X     | IC            |                   |
| R2309    | NRSA02J-0R0X | MG RESISTOR  | 0Ω 1/10W J        | IC3362   | BA15218F-XE     | IC            |                   |
| R2310    | NRSA02J-0R0X | MG RESISTOR  | 0Ω 1/10W J        | IC3363   | OPA2677U-X      | IC            |                   |
| R2401    | NRSA63J-473X | MG RESISTOR  | 47kΩ 1/16W J      | IC3701   | AT89C51RD2RLTIM | IC            |                   |
| R2402    | NRSA63J-824X | MG RESISTOR  | 820kΩ 1/16W J     | IC3743   | CD74HC4053PW-X  | IC            |                   |
| R2403    | NRSA02J-0R0X | MG RESISTOR  | 0Ω 1/10W J        | IC3801   | XC2S400E6FTG256 | IC            |                   |
| R2404    | NRSA63J-680X | MG RESISTOR  | 68Ω 1/16W J       | IC3802   | XCFO4SVOG20CP1X | IC            |                   |
| R2405    | NRSA63J-103X | MG RESISTOR  | 10kΩ 1/16W J      | IC3803   | HY57643220CT7   | IC            |                   |
| R2406    | NRSA63D-123X | MG RESISTOR  | 12kΩ 1/16W D      | IC3891   | R1170H181B-X    | IC            |                   |
| R2407    | NRSA63J-474X | MG RESISTOR  | 470kΩ 1/16W J     | IC3901   | SI-8011NVS-X    | IC            |                   |
| R2408    | NRSA63D-103X | MG RESISTOR  | 10kΩ 1/16W D      | IC3902   | PQ1CY1032Z-W    | IC            |                   |
| R2409    | NRSA02J-0R0X | MG RESISTOR  | 0Ω 1/10W J        | IC3903   | LM2941S-W       | IC            |                   |
| R2410    | NRSA02J-0R0X | MG RESISTOR  | 0Ω 1/10W J        | IC3904   | LM2991S-W       | IC            |                   |
| R2701    | NRSA63J-101X | MG RESISTOR  | 100Ω 1/16W J      | IC3905   | BA50BC0FP-X     | IC            |                   |
| R2702    | NRSA63J-101X | MG RESISTOR  | 100Ω 1/16W J      | IC3906   | PQ20WZ11-X      | IC            |                   |
| R2703    | NRSA63J-123X | MG RESISTOR  | 12kΩ 1/16W J      | Q3702    | UN2211-X        | TRANSISTOR    |                   |
| R2704    | NRSA63J-103X | MG RESISTOR  | 10kΩ 1/16W J      | Q3801    | UN2211-X        | TRANSISTOR    |                   |
| R2705    | NRSA63J-101X | MG RESISTOR  | 100Ω 1/16W J      | Q3802    | UN2211-X        | TRANSISTOR    |                   |
| R2706    | NRSA63J-101X | MG RESISTOR  | 100Ω 1/16W J      | Q3901    | UPA2751GR-X     | POWER MOS FET |                   |
| R2707    | NRSA63J-101X | MG RESISTOR  | 100Ω 1/16W J      | Q3902    | UN2211-X        | TRANSISTOR    |                   |
| R2708    | NRSA63J-101X | MG RESISTOR  | 100Ω 1/16W J      | Q3903    | UN2211-X        | TRANSISTOR    |                   |
| R2801    | NRSA63J-472X | MG RESISTOR  | 4.7kΩ 1/16W J     | Q3904    | 2SC3928A/QR/-X  | TRANSISTOR    |                   |
| R2802    | NRSA63J-122X | MG RESISTOR  | 1.2kΩ 1/16W J     | D3161    | MA8056/M/-X     | Z DIODE       |                   |
| R2803    | NRSA63J-103X | MG RESISTOR  | 10kΩ 1/16W J      | D3261    | MA8056/M/-X     | Z DIODE       |                   |
| R2804    | NRSA63J-822X | MG RESISTOR  | 8.2kΩ 1/16W J     | D3361    | MA8056/M/-X     | Z DIODE       |                   |
| R2805    | NRSA63J-122X | MG RESISTOR  | 1.2kΩ 1/16W J     | D3701    | STZ6.8N-X       | Z DIODE       |                   |
| R2806    | NRSA63J-103X | MG RESISTOR  | 10kΩ 1/16W J      | D3702    | STZ6.8N-X       | Z DIODE       |                   |
| R2807    | NRSA63J-822X | MG RESISTOR  | 8.2kΩ 1/16W J     | D3703    | STZ6.8N-X       | Z DIODE       |                   |
| R2808    | NRSA63J-182X | MG RESISTOR  | 1.8kΩ 1/16W J     | D3704    | STZ6.8N-X       | Z DIODE       |                   |
| R2809    | NRSA63J-472X | MG RESISTOR  | 4.7kΩ 1/16W J     | D3705    | STZ6.8N-X       | Z DIODE       |                   |
| R2810    | NRSA63J-103X | MG RESISTOR  | 10kΩ 1/16W J      | D3706    | STZ6.8N-X       | Z DIODE       |                   |
| R2811    | NRSA63J-122X | MG RESISTOR  | 1.2kΩ 1/16W J     | D3707    | STZ6.8N-X       | Z DIODE       |                   |
| R2812    | NRSA63J-102X | MG RESISTOR  | 1kΩ 1/16W J       | D3708    | STZ6.8N-X       | Z DIODE       |                   |
| R2813    | NRSA63J-472X | MG RESISTOR  | 4.7kΩ 1/16W J     | D3741    | STZ6.8N-X       | Z DIODE       |                   |
| R2814    | NRSA63J-103X | MG RESISTOR  | 10kΩ 1/16W J      | D3742    | STZ6.8N-X       | Z DIODE       |                   |
| R2815    | NRSA63J-122X | MG RESISTOR  | 1.2kΩ 1/16W J     | D3901    | MA1111-X        | SI DIODE      |                   |
| R2816    | NRSA63J-103X | MG RESISTOR  | 10kΩ 1/16W J      | D3902    | EC30HA03L-X     | SB DIODE      |                   |
| R2817    | NRSA63J-472X | MG RESISTOR  | 4.7kΩ 1/16W J     | D3903    | PTZ3.9B-X       | Z DIODE       |                   |
| R2818    | NRSA63J-104X | MG RESISTOR  | 100kΩ 1/16W J     | D3931    | EC30HA03L-X     | SB DIODE      |                   |
| R2819    | NRSA63J-101X | MG RESISTOR  | 100Ω 1/16W J      | D3932    | EC30HA03L-X     | SB DIODE      |                   |
| R2820    | NRSA63J-473X | MG RESISTOR  | 47kΩ 1/16W J      | D3933    | PTZ6.8B-X       | Z DIODE       |                   |
| R2821    | NRSA63J-0R0X | MG RESISTOR  | 0Ω 1/16W J        | C3001    | NCF31CZ-104X    | C CAPACITOR   | 0.1uF 16V Z       |
| R2822    | NRSA63J-0R0X | MG RESISTOR  | 0Ω 1/16W J        | C3002    | NCF31CZ-104X    | C CAPACITOR   | 0.1uF 16V Z       |
| R2824    | NRSA63J-0R0X | MG RESISTOR  | 0Ω 1/16W J        | C3003    | NCF31CZ-104X    | C CAPACITOR   | 0.1uF 16V Z       |
| R2901    | NRSA63J-0R0X | MG RESISTOR  | 0Ω 1/16W J        | C3004    | NCF31CZ-104X    | C CAPACITOR   | 0.1uF 16V Z       |
| R2902    | NRSA63J-0R0X | MG RESISTOR  | 0Ω 1/16W J        | C3005    | NCF31CZ-104X    | C CAPACITOR   | 0.1uF 16V Z       |
| R2903    | NRSA63J-0R0X | MG RESISTOR  | 0Ω 1/16W J        | C3006    | NCF31CZ-104X    | C CAPACITOR   | 0.1uF 16V Z       |
| R2904    | NRSA63J-0R0X | MG RESISTOR  | 0Ω 1/16W J        | C3007    | NCF31CZ-104X    | C CAPACITOR   | 0.1uF 16V Z       |
| R2905    | NRSA63J-0R0X | MG RESISTOR  | 0Ω 1/16W J        | C3008    | NEHL1CM-106X    | E CAPACITOR   | 10uF 16V M        |
| L2102    | QQR1401-001  | CHOKE COIL   |                   | C3101    | NCF31CZ-104X    | C CAPACITOR   | 0.1uF 16V Z       |
| L2202    | QQR1401-001  | CHOKE COIL   |                   | C3104    | NCF31CZ-104X    | C CAPACITOR   | 0.1uF 16V Z       |
| L2302    | QQL28AK-150  | COIL         | 15uH K            | C3105    | NCF31CZ-104X    | C CAPACITOR   | 0.1uF 16V Z       |
| L2402    | QQL28AK-150  | COIL         | 15uH K            | C3106    | NCF31CZ-104X    | C CAPACITOR   | 0.1uF 16V Z       |
| △CP2101  | ICP-S2.3-X   | IC PROTECTOR | 2.3A              | C3107    | NCF31CZ-104X    | C CAPACITOR   | 0.1uF 16V Z       |
| CP2201   | ICP-S2.3-X   | IC PROTECTOR | 2.3A              | C3108    | NCF31CZ-104X    | C CAPACITOR   | 0.1uF 16V Z       |

## MAIN DRIVE P.W. BOARD ASS'Y (SRP-3010A-M2)

| △Ref No. | Part No.        | Part Name       | Description Local | △Ref No. | Part No.     | Part Name   | Description Local |
|----------|-----------------|-----------------|-------------------|----------|--------------|-------------|-------------------|
| IC3001   | THC63LVDF84B-W  | IC              |                   | C3112    | NCF31CZ-104X | C CAPACITOR | 0.1uF 16V Z       |
| IC3101   | ASI5100         | IC(DILA DRIVER) |                   | C3113    | NCF31CZ-104X | C CAPACITOR | 0.1uF 16V Z       |
| IC3102   | HY57V161610ETP7 | IC              |                   | C3114    | NCF31CZ-104X | C CAPACITOR | 0.1uF 16V Z       |
| IC3103   | HY57V161610ETP7 | IC              |                   | C3121    | NCF31CZ-104X | C CAPACITOR | 0.1uF 16V Z       |
| IC3104   | HY57V161610ETP7 | IC              |                   | C3122    | NCF31CZ-104X | C CAPACITOR | 0.1uF 16V Z       |
| IC3105   | HY57V161610ETP7 | IC              |                   | C3123    | NCF31CZ-104X | C CAPACITOR | 0.1uF 16V Z       |
| IC3161   | LMC6024IM-X     | IC              |                   | C3124    | NCF31CZ-104X | C CAPACITOR | 0.1uF 16V Z       |
| IC3162   | BA15218F-XE     | IC              |                   | C3125    | NCF31CZ-104X | C CAPACITOR | 0.1uF 16V Z       |
| IC3163   | OPA2677U-X      | IC              |                   | C3126    | NCF31CZ-104X | C CAPACITOR | 0.1uF 16V Z       |
| IC3201   | ASI5100         | IC(DILA DRIVER) |                   | C3127    | NCF31CZ-104X | C CAPACITOR | 0.1uF 16V Z       |
| IC3202   | HY57V161610ETP7 | IC              |                   | C3128    | NCF31CZ-104X | C CAPACITOR | 0.1uF 16V Z       |
| IC3203   | HY57V161610ETP7 | IC              |                   | C3129    | NCF31CZ-104X | C CAPACITOR | 0.1uF 16V Z       |
| IC3204   | HY57V161610ETP7 | IC              |                   | C3130    | NCF31CZ-104X | C CAPACITOR | 0.1uF 16V Z       |
| IC3205   | HY57V161610ETP7 | IC              |                   | C3131    | NCF31CZ-104X | C CAPACITOR | 0.1uF 16V Z       |
| IC3206   | SN74LVC1G125V-X | IC              |                   | C3132    | NCF31CZ-104X | C CAPACITOR | 0.1uF 16V Z       |
| IC3261   | LMC6024IM-X     | IC              |                   | C3141    | NCF31CZ-104X | C CAPACITOR | 0.1uF 16V Z       |
| IC3262   | BA15218F-XE     | IC              |                   | C3142    | NCF31CZ-104X | C CAPACITOR | 0.1uF 16V Z       |
| IC3263   | OPA2677U-X      | IC              |                   | C3143    | NCF31CZ-104X | C CAPACITOR | 0.1uF 16V Z       |
| IC3301   | ASI5100         | IC(DILA DRIVER) |                   | C3144    | NCF31CZ-104X | C CAPACITOR | 0.1uF 16V Z       |
| IC3302   | HY57V161610ETP7 | IC              |                   | C3145    | NCF31CZ-104X | C CAPACITOR | 0.1uF 16V Z       |
| IC3303   | HY57V161610ETP7 | IC              |                   | C3146    | NCF31CZ-104X | C CAPACITOR | 0.1uF 16V Z       |
| IC3304   | HY57V161610ETP7 | IC              |                   | C3147    | NCF31CZ-104X | C CAPACITOR | 0.1uF 16V Z       |
| IC3305   | HY57V161610ETP7 | IC              |                   | C3148    | NCF31CZ-104X | C CAPACITOR | 0.1uF 16V Z       |
|          |                 |                 |                   | C3149    | NCF31CZ-104X | C CAPACITOR | 0.1uF 16V Z       |
|          |                 |                 |                   | C3150    | NCF31CZ-104X | C CAPACITOR | 0.1uF 16V Z       |
|          |                 |                 |                   | C3151    | NCF31CZ-104X | C CAPACITOR | 0.1uF 16V Z       |

3-46(No.YA247)

| △Ref No. | Part No.     | Part Name      | Description Local | △Ref No. | Part No.     | Part Name    | Description Local |
|----------|--------------|----------------|-------------------|----------|--------------|--------------|-------------------|
| C3835    | NCF31CZ-104X | C CAPACITOR    | 0.1uF 16V Z       | R3106    | NRSA63D-151X | MG RESISTOR  | 150Ω 1/16W D      |
| C3836    | NCF31CZ-104X | C CAPACITOR    | 0.1uF 16V Z       | R3107    | NRSA63D-181X | MG RESISTOR  | 180Ω 1/16W D      |
| C3838    | NCB31HK-102X | C CAPACITOR    | 1000pF 50V K      | R3111    | NRSA63J-220X | MG RESISTOR  | 22Ω 1/16W J       |
| C3840    | NCB31HK-102X | C CAPACITOR    | 1000pF 50V K      | R3112    | NRSA63J-0R0X | MG RESISTOR  | 0Ω 1/16W J        |
| C3851    | NCF31CZ-104X | C CAPACITOR    | 0.1uF 16V Z       | R3113    | NRSA63J-0R0X | MG RESISTOR  | 0Ω 1/16W J        |
| C3852    | NCF31CZ-104X | C CAPACITOR    | 0.1uF 16V Z       | R3114    | NRSA63J-0R0X | MG RESISTOR  | 0Ω 1/16W J        |
| C3853    | NCF31CZ-104X | C CAPACITOR    | 0.1uF 16V Z       | R3115    | NRSA63J-0R0X | MG RESISTOR  | 0Ω 1/16W J        |
| C3854    | NCF31CZ-104X | C CAPACITOR    | 0.1uF 16V Z       | R3116    | NRSA63J-0R0X | MG RESISTOR  | 0Ω 1/16W J        |
| C3855    | NCF31CZ-104X | C CAPACITOR    | 0.1uF 16V Z       | R3117    | NRSA63J-0R0X | MG RESISTOR  | 0Ω 1/16W J        |
| C3856    | NEHL0JM-107X | E CAPACITOR    | 100uF 6.3V M      | R3118    | NRSA63J-0R0X | MG RESISTOR  | 0Ω 1/16W J        |
| C3861    | NEHL1CM-106X | E CAPACITOR    | 10uF 16V M        | R3119    | NRSA63J-0R0X | MG RESISTOR  | 0Ω 1/16W J        |
| C3862    | NCF31CZ-104X | C CAPACITOR    | 0.1uF 16V Z       | R3121    | NQR0271-001X | EMI FILTEROR | 0Ω 1/16W J        |
| C3863    | NCF31CZ-104X | C CAPACITOR    | 0.1uF 16V Z       | R3122    | NQR0271-001X | EMI FILTEROR |                   |
| C3864    | NCF31CZ-104X | C CAPACITOR    | 0.1uF 16V Z       | R3123    | NQR0271-001X | EMI FILTEROR |                   |
| C3865    | NCF31CZ-104X | C CAPACITOR    | 0.1uF 16V Z       | R3124    | NQR0271-001X | EMI FILTEROR |                   |
| C3866    | NCF31CZ-104X | C CAPACITOR    | 0.1uF 16V Z       | R3125    | NRSA63J-0R0X | MG RESISTOR  | 0Ω 1/16W J        |
| C3867    | NCF31CZ-104X | C CAPACITOR    | 0.1uF 16V Z       | R3126    | NRSA63J-0R0X | MG RESISTOR  | 0Ω 1/16W J        |
| C3868    | NCF31CZ-104X | C CAPACITOR    | 0.1uF 16V Z       | R3127    | NRSA63J-0R0X | MG RESISTOR  | 0Ω 1/16W J        |
| C3869    | NCF31CZ-104X | C CAPACITOR    | 0.1uF 16V Z       | R3128    | NRSA63J-0R0X | MG RESISTOR  | 0Ω 1/16W J        |
| C3870    | NCF31CZ-104X | C CAPACITOR    | 0.1uF 16V Z       | R3129    | NRSA63J-0R0X | MG RESISTOR  | 0Ω 1/16W J        |
| C3871    | NCF31CZ-104X | C CAPACITOR    | 0.1uF 16V Z       | R3130    | NRSA63J-470X | MG RESISTOR  | 47Ω 1/16W J       |
| C3872    | NCF31CZ-104X | C CAPACITOR    | 0.1uF 16V Z       | R3131    | NQR0271-001X | EMI FILTEROR |                   |
| C3873    | NCF31CZ-104X | C CAPACITOR    | 0.1uF 16V Z       | R3132    | NQR0271-001X | EMI FILTEROR |                   |
| C3874    | NCF31CZ-104X | C CAPACITOR    | 0.1uF 16V Z       | R3133    | NQR0271-001X | EMI FILTEROR |                   |
| C3881    | NEHL1CM-106X | E CAPACITOR    | 10uF 16V M        | R3134    | NQR0271-001X | EMI FILTEROR |                   |
| C3882    | NCF31CZ-104X | C CAPACITOR    | 0.1uF 16V Z       | R3135    | NRSA63J-0R0X | MG RESISTOR  | 0Ω 1/16W J        |
| C3891    | NEHL1CM-476X | E CAPACITOR    | 47uF 16V M        | R3137    | NRSA63J-0R0X | MG RESISTOR  | 0Ω 1/16W J        |
| C3892    | NCF31CZ-104X | C CAPACITOR    | 0.1uF 16V Z       | R3141    | NRSA63J-0R0X | MG RESISTOR  | 0Ω 1/16W J        |
| C3893    | NEHL1CM-106X | E CAPACITOR    | 10uF 16V M        | R3142    | NRSA63J-0R0X | MG RESISTOR  | 0Ω 1/16W J        |
| C3894    | NCF31CZ-104X | C CAPACITOR    | 0.1uF 16V Z       | R3143    | NRSA63J-0R0X | MG RESISTOR  | 0Ω 1/16W J        |
| C3895    | NBE50JM-107X | TA E CAPACITOR | 100uF 6.3V M      | R3144    | NRSA63J-0R0X | MG RESISTOR  | 0Ω 1/16W J        |
| C3896    | NCF31CZ-104X | C CAPACITOR    | 0.1uF 16V Z       | R3145    | NRSA63J-220X | MG RESISTOR  | 22Ω 1/16W J       |
| C3897    | NCF31CZ-104X | C CAPACITOR    | 0.1uF 16V Z       | R3146    | NRSA63D-181X | MG RESISTOR  | 180Ω 1/16W D      |
| C3901    | NCB31HK-104X | C CAPACITOR    | 0.1uF 50V K       | R3147    | NRSA63D-151X | MG RESISTOR  | 150Ω 1/16W D      |
| C3902    | NCB31HK-104X | C CAPACITOR    | 0.1uF 50V K       | R3151    | NRSA63J-103X | MG RESISTOR  | 10kΩ 1/16W J      |
| C3903    | NDC31HJ-102X | C CAPACITOR    | 1000pF 50V J      | R3152    | NRSA63J-103X | MG RESISTOR  | 10kΩ 1/16W J      |
| C3904    | NDC31HJ-221X | C CAPACITOR    | 220pF 50V J       | R3153    | NRSA63J-103X | MG RESISTOR  | 10kΩ 1/16W J      |
| C3905    | NDC31HJ-470X | C CAPACITOR    | 47pF 50V J        | R3154    | NRSA63J-103X | MG RESISTOR  | 10kΩ 1/16W J      |
| C3906    | NCB31HK-102X | C CAPACITOR    | 1000pF 50V K      | R3161    | NRSA63J-0R0X | MG RESISTOR  | 0Ω 1/16W J        |
| C3907    | NCB31HK-104X | C CAPACITOR    | 0.1uF 50V K       | R3162    | NRSA63D-103X | MG RESISTOR  | 10kΩ 1/16W D      |
| C3908    | NCB31HK-272X | C CAPACITOR    | 2700pF 50V K      | R3163    | NRSA63J-0R0X | MG RESISTOR  | 0Ω 1/16W J        |
| C3909    | NCB11AK-475X | C CAPACITOR    | 4.7uF 10V K       | R3164    | NRSA63D-103X | MG RESISTOR  | 10kΩ 1/16W D      |
| C3910    | NCB11AK-475X | C CAPACITOR    | 4.7uF 10V K       | R3165    | NRSA63J-0R0X | MG RESISTOR  | 0Ω 1/16W J        |
| C3911    | NBZ0010-396X | SP E CAPACITOR | 39uF 16V M        | R3166    | NRSA63D-103X | MG RESISTOR  | 10kΩ 1/16W D      |
| C3912    | NBZ0007-107X | SP E CAPACITOR | 100uF 4V M        | R3167    | NRSA63D-103X | MG RESISTOR  | 10kΩ 1/16W D      |
| C3913    | NEHM0JM-476X | E CAPACITOR    | 47uF 6.3V M       | R3168    | NRSA63D-102X | MG RESISTOR  | 1kΩ 1/16W D       |
| C3931    | NBZ0010-396X | SP E CAPACITOR | 39uF 16V M        | R3169    | NRSA63D-202X | MG RESISTOR  | 2kΩ 1/16W D       |
| C3932    | NCB31HK-223X | C CAPACITOR    | 0.022uF 50V K     | R3170    | NRSA63D-102X | MG RESISTOR  | 1kΩ 1/16W D       |
| C3933    | NCB31HK-102X | C CAPACITOR    | 1000pF 50V K      | R3171    | NRSA63D-202X | MG RESISTOR  | 2kΩ 1/16W D       |
| C3934    | NEZ0022-157X | E CAPACITOR    | 150uF 10V M       | R3172    | NRSA63J-0R0X | MG RESISTOR  | 0Ω 1/16W J        |
| C3936    | NEHM1CM-476X | E CAPACITOR    | 47uF 16V M        | R3181    | NRSA63D-102X | MG RESISTOR  | 1kΩ 1/16W D       |
| C3951    | NEHL1CM-476X | E CAPACITOR    | 47uF 16V M        | R3182    | NRSA63D-102X | MG RESISTOR  | 1kΩ 1/16W D       |
| C3952    | NCF31CZ-104X | C CAPACITOR    | 0.1uF 16V Z       | R3183    | NRSA63D-102X | MG RESISTOR  | 1kΩ 1/16W D       |
| C3953    | NEHL1CM-476X | E CAPACITOR    | 47uF 16V M        | R3184    | NRSA63D-102X | MG RESISTOR  | 1kΩ 1/16W D       |
| C3954    | NCF31CZ-104X | C CAPACITOR    | 0.1uF 16V Z       | R3185    | NRSA63D-202X | MG RESISTOR  | 2kΩ 1/16W D       |
| C3958    | NEHL1CM-476X | E CAPACITOR    | 47uF 16V M        | R3186    | NRSA63D-102X | MG RESISTOR  | 1kΩ 1/16W D       |
| C3959    | NCF31CZ-104X | C CAPACITOR    | 0.1uF 16V Z       | R3187    | NRSA63D-122X | MG RESISTOR  | 1.2kΩ 1/16W D     |
| C3960    | NEHL1CM-476X | E CAPACITOR    | 47uF 16V M        | R3188    | NRSA63D-242X | MG RESISTOR  | 2.4kΩ 1/16W D     |
| C3961    | NCF31CZ-104X | C CAPACITOR    | 0.1uF 16V Z       | R3189    | NRSA63D-102X | MG RESISTOR  | 1kΩ 1/16W D       |
| C3965    | NEHL1CM-106X | E CAPACITOR    | 10uF 16V M        | R3190    | NRSA63D-102X | MG RESISTOR  | 1kΩ 1/16W D       |
| C3966    | NCF31CZ-104X | C CAPACITOR    | 0.1uF 16V Z       | R3191    | NRSA63J-0R0X | MG RESISTOR  | 0Ω 1/16W J        |
| C3967    | NEHL1CM-476X | E CAPACITOR    | 47uF 16V M        | R3192    | NRSA63J-101X | MG RESISTOR  | 100Ω 1/16W J      |
| C3968    | NCF31CZ-104X | C CAPACITOR    | 0.1uF 16V Z       | R3196    | NRSA63J-0R0X | MG RESISTOR  | 0Ω 1/16W J        |
| C3969    | NEHL1CM-106X | E CAPACITOR    | 10uF 16V M        | R3197    | NRSA63J-0R0X | MG RESISTOR  | 0Ω 1/16W J        |
| C3970    | NCF31CZ-104X | C CAPACITOR    | 0.1uF 16V Z       | R3198    | NRSA63J-0R0X | MG RESISTOR  | 0Ω 1/16W J        |
| C3971    | NCF31CZ-104X | C CAPACITOR    | 0.1uF 16V Z       | R3199    | NRS12BJ-0R0W | MG RESISTOR  | 0Ω 1/2W J         |
| C3972    | NEHL1CM-476X | E CAPACITOR    | 47uF 16V M        | R3202    | NRSA63J-103X | MG RESISTOR  | 10kΩ 1/16W J      |
| C3973    | NCF31CZ-104X | C CAPACITOR    | 0.1uF 16V Z       | R3203    | NRSA63D-102X | MG RESISTOR  | 1kΩ 1/16W D       |
|          |              |                |                   | R3204    | NRSA63J-472X | MG RESISTOR  | 4.7kΩ 1/16W J     |
| R3001    | NRSA63J-101X | MG RESISTOR    | 100Ω 1/16W J      | R3205    | NRSA63J-472X | MG RESISTOR  | 4.7kΩ 1/16W J     |
| R3002    | NRSA63J-101X | MG RESISTOR    | 100Ω 1/16W J      | R3206    | NRSA63D-151X | MG RESISTOR  | 150Ω 1/16W D      |
| R3003    | NRSA63J-101X | MG RESISTOR    | 100Ω 1/16W J      | R3207    | NRSA63D-181X | MG RESISTOR  | 180Ω 1/16W D      |
| R3004    | NRSA63J-101X | MG RESISTOR    | 100Ω 1/16W J      | R3211    | NRSA63J-220X | MG RESISTOR  | 22Ω 1/16W J       |
| R3005    | NRSA63J-101X | MG RESISTOR    | 100Ω 1/16W J      | R3212    | NRSA63J-0R0X | MG RESISTOR  | 0Ω 1/16W J        |
| R3006    | NRSA63J-103X | MG RESISTOR    | 10kΩ 1/16W J      | R3213    | NRSA63J-0R0X | MG RESISTOR  | 0Ω 1/16W J        |
| R3007    | NRZ0080-0R0X | NET RESISTOR   | 0Ω 1/16W J        | R3214    | NRSA63J-0R0X | MG RESISTOR  | 0Ω 1/16W J        |
| R3008    | NRZ0080-0R0X | NET RESISTOR   | 0Ω 1/16W J        | R3215    | NRSA63J-0R0X | MG RESISTOR  | 0Ω 1/16W J        |
| R3009    | NRZ0080-0R0X | NET RESISTOR   | 0Ω 1/16W J        | R3216    | NRSA63J-0R0X | MG RESISTOR  | 0Ω 1/16W J        |
| R3010    | NRSA63J-0R0X | MG RESISTOR    | 0Ω 1/16W J        | R3217    | NRSA63J-0R0X | MG RESISTOR  | 0Ω 1/16W J        |
| R3011    | NRSA63J-100X | MG RESISTOR    | 10Ω 1/16W J       | R3218    | NRSA63J-0R0X | MG RESISTOR  | 0Ω 1/16W J        |
| R3012    | NRSA63J-100X | MG RESISTOR    | 10Ω 1/16W J       | R3219    | NRSA63J-0R0X | MG RESISTOR  | 0Ω 1/16W J        |
| R3013    | NRSA63J-100X | MG RESISTOR    | 10Ω 1/16W J       | R3221    | NQR0271-001X | EMI FILTEROR |                   |
| R3014    | NRSA63J-100X | MG RESISTOR    | 10Ω 1/16W J       | R3222    | NQR0271-001X | EMI FILTEROR |                   |
| R3102    | NRSA63J-0R0X | MG RESISTOR    | 0Ω 1/16W J        | R3223    | NQR0271-001X | EMI FILTEROR |                   |
| R3103    | NRSA63D-102X | MG RESISTOR    | 1kΩ 1/16W D       | R3224    | NQR0271-001X | EMI FILTEROR |                   |
| R3104    | NRSA63J-472X | MG RESISTOR    | 4.7kΩ 1/16W J     | R3225    | NRSA63J-0R0X | MG RESISTOR  | 0Ω 1/16W J        |
| R3105    | NRSA63J-472X | MG RESISTOR    | 4.7kΩ 1/16W J     | R3226    | NRSA63J-0R0X | MG RESISTOR  | 0Ω 1/16W J        |

| △Ref No. | Part No.     | Part Name    | Description Local | △Ref No. | Part No.     | Part Name    | Description Local |
|----------|--------------|--------------|-------------------|----------|--------------|--------------|-------------------|
| R3227    | NRSA63J-0R0X | MG RESISTOR  | 0Ω 1/16W J        | R3344    | NRSA63J-0R0X | MG RESISTOR  | 0Ω 1/16W J        |
| R3228    | NRSA63J-0R0X | MG RESISTOR  | 0Ω 1/16W J        | R3345    | NRSA63J-220X | MG RESISTOR  | 22Ω 1/16W J       |
| R3229    | NRSA63J-0R0X | MG RESISTOR  | 0Ω 1/16W J        | R3346    | NRSA63D-181X | MG RESISTOR  | 180Ω 1/16W D      |
| R3230    | NRSA63J-470X | MG RESISTOR  | 47Ω 1/16W J       | R3347    | NRSA63D-151X | MG RESISTOR  | 150Ω 1/16W D      |
| R3231    | NQR0271-001X | EMI FILTEROR |                   | R3351    | NRSA63J-103X | MG RESISTOR  | 10kΩ 1/16W J      |
| R3232    | NQR0271-001X | EMI FILTEROR |                   | R3352    | NRSA63J-103X | MG RESISTOR  | 10kΩ 1/16W J      |
| R3233    | NQR0271-001X | EMI FILTEROR |                   | R3353    | NRSA63J-103X | MG RESISTOR  | 10kΩ 1/16W J      |
| R3234    | NQR0271-001X | EMI FILTEROR |                   | R3354    | NRSA63J-103X | MG RESISTOR  | 10kΩ 1/16W J      |
| R3237    | NRSA63J-0R0X | MG RESISTOR  | 0Ω 1/16W J        | R3361    | NRSA63J-0R0X | MG RESISTOR  | 0Ω 1/16W J        |
| R3241    | NRSA63J-0R0X | MG RESISTOR  | 0Ω 1/16W J        | R3362    | NRSA63D-103X | MG RESISTOR  | 10kΩ 1/16W D      |
| R3242    | NRSA63J-0R0X | MG RESISTOR  | 0Ω 1/16W J        | R3363    | NRSA63J-0R0X | MG RESISTOR  | 0Ω 1/16W J        |
| R3243    | NRSA63J-0R0X | MG RESISTOR  | 0Ω 1/16W J        | R3364    | NRSA63D-103X | MG RESISTOR  | 10kΩ 1/16W D      |
| R3244    | NRSA63J-0R0X | MG RESISTOR  | 0Ω 1/16W J        | R3365    | NRSA63J-0R0X | MG RESISTOR  | 0Ω 1/16W J        |
| R3245    | NRSA63J-220X | MG RESISTOR  | 22Ω 1/16W J       | R3366    | NRSA63D-103X | MG RESISTOR  | 10kΩ 1/16W D      |
| R3246    | NRSA63D-181X | MG RESISTOR  | 180Ω 1/16W D      | R3367    | NRSA63D-103X | MG RESISTOR  | 10kΩ 1/16W D      |
| R3247    | NRSA63D-151X | MG RESISTOR  | 150Ω 1/16W D      | R3368    | NRSA63D-102X | MG RESISTOR  | 1kΩ 1/16W D       |
| R3248    | NRSA63J-223X | MG RESISTOR  | 22kΩ 1/16W J      | R3369    | NRSA63D-202X | MG RESISTOR  | 2kΩ 1/16W D       |
| R3249    | NRSA63J-470X | MG RESISTOR  | 47Ω 1/16W J       | R3370    | NRSA63D-102X | MG RESISTOR  | 1kΩ 1/16W D       |
| R3251    | NRSA63J-103X | MG RESISTOR  | 10kΩ 1/16W J      | R3371    | NRSA63D-202X | MG RESISTOR  | 2kΩ 1/16W D       |
| R3252    | NRSA63J-103X | MG RESISTOR  | 10kΩ 1/16W J      | R3372    | NRSA63J-0R0X | MG RESISTOR  | 0Ω 1/16W J        |
| R3253    | NRSA63J-103X | MG RESISTOR  | 10kΩ 1/16W J      | R3381    | NRSA63D-102X | MG RESISTOR  | 1kΩ 1/16W D       |
| R3254    | NRSA63J-103X | MG RESISTOR  | 10kΩ 1/16W J      | R3382    | NRSA63D-102X | MG RESISTOR  | 1kΩ 1/16W D       |
| R3255    | NRSA63J-470X | MG RESISTOR  | 47Ω 1/16W J       | R3383    | NRSA63D-102X | MG RESISTOR  | 1kΩ 1/16W D       |
| R3256    | NRSA63J-470X | MG RESISTOR  | 47Ω 1/16W J       | R3384    | NRSA63D-102X | MG RESISTOR  | 1kΩ 1/16W D       |
| R3258    | NRSA63J-470X | MG RESISTOR  | 47Ω 1/16W J       | R3385    | NRSA63D-202X | MG RESISTOR  | 2kΩ 1/16W D       |
| R3261    | NRSA63J-0R0X | MG RESISTOR  | 0Ω 1/16W J        | R3386    | NRSA63D-102X | MG RESISTOR  | 1kΩ 1/16W D       |
| R3262    | NRSA63D-103X | MG RESISTOR  | 10kΩ 1/16W D      | R3387    | NRSA63D-122X | MG RESISTOR  | 1.2kΩ 1/16W D     |
| R3263    | NRSA63J-0R0X | MG RESISTOR  | 0Ω 1/16W J        | R3388    | NRSA63D-242X | MG RESISTOR  | 2.4kΩ 1/16W D     |
| R3264    | NRSA63D-103X | MG RESISTOR  | 10kΩ 1/16W D      | R3389    | NRSA63D-102X | MG RESISTOR  | 1kΩ 1/16W D       |
| R3265    | NRSA63J-0R0X | MG RESISTOR  | 0Ω 1/16W J        | R3390    | NRSA63D-102X | MG RESISTOR  | 1kΩ 1/16W D       |
| R3266    | NRSA63D-103X | MG RESISTOR  | 10kΩ 1/16W D      | R3391    | NRSA63J-0R0X | MG RESISTOR  | 0Ω 1/16W J        |
| R3267    | NRSA63D-103X | MG RESISTOR  | 10kΩ 1/16W D      | R3392    | NRSA63J-101X | MG RESISTOR  | 100Ω 1/16W J      |
| R3268    | NRSA63D-102X | MG RESISTOR  | 1kΩ 1/16W D       | R3396    | NRSA63J-0R0X | MG RESISTOR  | 0Ω 1/16W J        |
| R3269    | NRSA63D-202X | MG RESISTOR  | 2kΩ 1/16W D       | R3397    | NRSA63J-0R0X | MG RESISTOR  | 0Ω 1/16W J        |
| R3270    | NRSA63D-102X | MG RESISTOR  | 1kΩ 1/16W D       | R3398    | NRSA63J-0R0X | MG RESISTOR  | 0Ω 1/16W J        |
| R3271    | NRSA63D-202X | MG RESISTOR  | 2kΩ 1/16W D       | R3399    | NRS12BJ-0R0W | MG RESISTOR  | 0Ω 1/2W J         |
| R3272    | NRSA63J-0R0X | MG RESISTOR  | 0Ω 1/16W J        | R3701    | NRSA63J-101X | MG RESISTOR  | 100Ω 1/16W J      |
| R3281    | NRSA63D-102X | MG RESISTOR  | 1kΩ 1/16W D       | R3702    | NRSA63J-101X | MG RESISTOR  | 100Ω 1/16W J      |
| R3282    | NRSA63D-102X | MG RESISTOR  | 1kΩ 1/16W D       | R3703    | NRSA63J-101X | MG RESISTOR  | 100Ω 1/16W J      |
| R3283    | NRSA63D-102X | MG RESISTOR  | 1kΩ 1/16W D       | R3704    | NRSA63J-102X | MG RESISTOR  | 1kΩ 1/16W J       |
| R3284    | NRSA63D-102X | MG RESISTOR  | 1kΩ 1/16W D       | R3705    | NRZ0040-101X | NET RESISTOR | 100Ω 1/16W J x4   |
| R3285    | NRSA63D-202X | MG RESISTOR  | 2kΩ 1/16W D       | R3706    | NRSA63J-105X | MG RESISTOR  | 1MΩ 1/16W J       |
| R3286    | NRSA63D-102X | MG RESISTOR  | 1kΩ 1/16W D       | R3707    | NRZ0040-101X | NET RESISTOR | 100Ω 1/16W J x4   |
| R3287    | NRSA63D-122X | MG RESISTOR  | 1.2kΩ 1/16W D     | R3708    | NRSA63J-103X | MG RESISTOR  | 10kΩ 1/16W J      |
| R3288    | NRSA63D-242X | MG RESISTOR  | 2.4kΩ 1/16W D     | R3709    | NRZ0040-101X | NET RESISTOR | 100Ω 1/16W J x4   |
| R3289    | NRSA63D-102X | MG RESISTOR  | 1kΩ 1/16W D       | R3710    | NRZ0040-101X | NET RESISTOR | 100Ω 1/16W J x4   |
| R3290    | NRSA63D-102X | MG RESISTOR  | 1kΩ 1/16W D       | R3711    | NRSA63J-0R0X | MG RESISTOR  | 0Ω 1/16W J        |
| R3291    | NRSA63J-0R0X | MG RESISTOR  | 0Ω 1/16W J        | R3712    | NRSA63J-103X | MG RESISTOR  | 10kΩ 1/16W J      |
| R3292    | NRSA63J-101X | MG RESISTOR  | 100Ω 1/16W J      | R3713    | NRSA63J-103X | MG RESISTOR  | 10kΩ 1/16W J      |
| R3296    | NRSA63J-0R0X | MG RESISTOR  | 0Ω 1/16W J        | R3714    | NRSA63J-472X | MG RESISTOR  | 4.7kΩ 1/16W J     |
| R3297    | NRSA63J-0R0X | MG RESISTOR  | 0Ω 1/16W J        | R3715    | NRSA63J-472X | MG RESISTOR  | 4.7kΩ 1/16W J     |
| R3298    | NRSA63J-0R0X | MG RESISTOR  | 0Ω 1/16W J        | R3716    | NRSA63J-821X | MG RESISTOR  | 820Ω 1/16W J      |
| R3299    | NRS12BJ-0R0W | MG RESISTOR  | 0Ω 1/2W J         | R3717    | NRSA63J-821X | MG RESISTOR  | 820Ω 1/16W J      |
| R3302    | NRSA63J-103X | MG RESISTOR  | 10kΩ 1/16W J      | R3718    | NRSA63J-101X | MG RESISTOR  | 100Ω 1/16W J      |
| R3303    | NRSA63D-102X | MG RESISTOR  | 1kΩ 1/16W D       | R3719    | NRSA63J-472X | MG RESISTOR  | 4.7kΩ 1/16W J     |
| R3304    | NRSA63J-472X | MG RESISTOR  | 4.7kΩ 1/16W J     | R3720    | NRSA63J-472X | MG RESISTOR  | 4.7kΩ 1/16W J     |
| R3305    | NRSA63J-472X | MG RESISTOR  | 4.7kΩ 1/16W J     | R3721    | NRSA63J-472X | MG RESISTOR  | 4.7kΩ 1/16W J     |
| R3306    | NRSA63D-151X | MG RESISTOR  | 150Ω 1/16W D      | R3722    | NRSA63J-472X | MG RESISTOR  | 4.7kΩ 1/16W J     |
| R3307    | NRSA63D-181X | MG RESISTOR  | 180Ω 1/16W D      | R3723    | NRSA63J-472X | MG RESISTOR  | 4.7kΩ 1/16W J     |
| R3311    | NRSA63J-220X | MG RESISTOR  | 22Ω 1/16W J       | R3724    | NRSA63J-472X | MG RESISTOR  | 4.7kΩ 1/16W J     |
| R3312    | NRSA63J-0R0X | MG RESISTOR  | 0Ω 1/16W J        | R3725    | NRSA63J-0R0X | MG RESISTOR  | 0Ω 1/16W J        |
| R3313    | NRSA63J-0R0X | MG RESISTOR  | 0Ω 1/16W J        | R3726    | NRSA63J-0R0X | MG RESISTOR  | 0Ω 1/16W J        |
| R3314    | NRSA63J-0R0X | MG RESISTOR  | 0Ω 1/16W J        | R3727    | NRSA63J-472X | MG RESISTOR  | 4.7kΩ 1/16W J     |
| R3315    | NRSA63J-0R0X | MG RESISTOR  | 0Ω 1/16W J        | R3728    | NRSA63J-103X | MG RESISTOR  | 10kΩ 1/16W J      |
| R3316    | NRSA63J-0R0X | MG RESISTOR  | 0Ω 1/16W J        | R3733    | NRSA63J-102X | MG RESISTOR  | 1kΩ 1/16W J       |
| R3317    | NRSA63J-0R0X | MG RESISTOR  | 0Ω 1/16W J        | R3735    | NRSA63J-102X | MG RESISTOR  | 1kΩ 1/16W J       |
| R3318    | NRSA63J-0R0X | MG RESISTOR  | 0Ω 1/16W J        | R3736    | NRSA63J-101X | MG RESISTOR  | 100Ω 1/16W J      |
| R3319    | NRSA63J-0R0X | MG RESISTOR  | 0Ω 1/16W J        | R3737    | NRSA63J-101X | MG RESISTOR  | 100Ω 1/16W J      |
| R3321    | NQR0271-001X | EMI FILTEROR |                   | R3741    | NRSA63J-332X | MG RESISTOR  | 3.3kΩ 1/16W J     |
| R3322    | NQR0271-001X | EMI FILTEROR |                   | R3742    | NRSA63J-470X | MG RESISTOR  | 47Ω 1/16W J       |
| R3323    | NQR0271-001X | EMI FILTEROR |                   | R3743    | NRSA63J-101X | MG RESISTOR  | 100Ω 1/16W J      |
| R3324    | NQR0271-001X | EMI FILTEROR |                   | R3744    | NRSA63J-332X | MG RESISTOR  | 3.3kΩ 1/16W J     |
| R3325    | NRSA63J-0R0X | MG RESISTOR  | 0Ω 1/16W J        | R3745    | NRSA63J-0R0X | MG RESISTOR  | 0Ω 1/16W J        |
| R3326    | NRSA63J-0R0X | MG RESISTOR  | 0Ω 1/16W J        | R3746    | NRSA63J-0R0X | MG RESISTOR  | 0Ω 1/16W J        |
| R3327    | NRSA63J-0R0X | MG RESISTOR  | 0Ω 1/16W J        | R3747    | NRSA63J-103X | MG RESISTOR  | 10kΩ 1/16W J      |
| R3328    | NRSA63J-0R0X | MG RESISTOR  | 0Ω 1/16W J        | R3748    | NRSA63J-0R0X | MG RESISTOR  | 0Ω 1/16W J        |
| R3329    | NRSA63J-0R0X | MG RESISTOR  | 0Ω 1/16W J        | R3749    | NRSA63J-0R0X | MG RESISTOR  | 0Ω 1/16W J        |
| R3330    | NRSA63J-470X | MG RESISTOR  | 47Ω 1/16W J       | R3750    | NRSA63J-472X | MG RESISTOR  | 4.7kΩ 1/16W J     |
| R3331    | NQR0271-001X | EMI FILTEROR |                   | R3751    | NRSA63J-472X | MG RESISTOR  | 4.7kΩ 1/16W J     |
| R3332    | NQR0271-001X | EMI FILTEROR |                   | R3783    | NRSA63J-472X | MG RESISTOR  | 4.7kΩ 1/16W J     |
| R3333    | NQR0271-001X | EMI FILTEROR |                   | R3801    | NRZ0040-100X | NET RESISTOR | 10Ω 1/16W J x4    |
| R3334    | NQR0271-001X | EMI FILTEROR |                   | R3802    | NRZ0040-100X | NET RESISTOR | 10Ω 1/16W J x4    |
| R3335    | NRSA63J-0R0X | MG RESISTOR  | 0Ω 1/16W J        | R3803    | NRZ0040-100X | NET RESISTOR | 10Ω 1/16W J x4    |
| R3337    | NRSA63J-0R0X | MG RESISTOR  | 0Ω 1/16W J        | R3804    | NRZ0040-100X | NET RESISTOR | 10Ω 1/16W J x4    |
| R3341    | NRSA63J-0R0X | MG RESISTOR  | 0Ω 1/16W J        | R3805    | NRZ0040-100X | NET RESISTOR | 10Ω 1/16W J x4    |
| R3342    | NRSA63J-0R0X | MG RESISTOR  | 0Ω 1/16W J        | R3806    | NRZ0040-100X | NET RESISTOR | 10Ω 1/16W J x4    |
| R3343    | NRSA63J-0R0X | MG RESISTOR  | 0Ω 1/16W J        | R3807    | NRZ0040-100X | NET RESISTOR | 10Ω 1/16W J x4    |

| △Ref No. | Part No.      | Part Name    | Description Local | △Ref No. | Part No.      | Part Name     | Description Local |
|----------|---------------|--------------|-------------------|----------|---------------|---------------|-------------------|
| R3808    | NRZ0040-100X  | NET RESISTOR | 10Ω 1/16W J x4    | R3972    | NRSA63J-330X  | MG RESISTOR   | 33Ω 1/16W J       |
| R3809    | NRZ0040-0R0X  | NET RESISTOR | 0Ω 1/16W J x4     | R3977    | NRS12BJ-0R0W  | MG RESISTOR   | 0Ω 1/2W J         |
| R3810    | NRZ0040-0R0X  | NET RESISTOR | 0Ω 1/16W J x4     | R3978    | NRS12BJ-0R0W  | MG RESISTOR   | 0Ω 1/2W J         |
| R3811    | NRZ0040-0R0X  | NET RESISTOR | 0Ω 1/16W J x4     | R3979    | NRS12BJ-0R0W  | MG RESISTOR   | 0Ω 1/2W J         |
| R3812    | NRZ0040-0R0X  | NET RESISTOR | 0Ω 1/16W J x4     | R3981    | NRS12BJ-102W  | MG RESISTOR   | 1kΩ 1/2W J        |
| R3813    | NRSA63J-100X  | MG RESISTOR  | 10Ω 1/16W J       | R3982    | NRS12BJ-102W  | MG RESISTOR   | 1kΩ 1/2W J        |
| R3814    | NRSA63J-100X  | MG RESISTOR  | 10Ω 1/16W J       | R3983    | NRS12BJ-471W  | MG RESISTOR   | 470Ω 1/2W J       |
| R3815    | NRSA63J-100X  | MG RESISTOR  | 10Ω 1/16W J       | L3701    | NQL092K-2R2X  | COIL          | 2.2uH K           |
| R3816    | NRSA63J-100X  | MG RESISTOR  | 10Ω 1/16W J       | L3901    | NQL51EM-100X  | COIL          | 10uH M            |
| R3817    | NRSA63J-100X  | MG RESISTOR  | 10Ω 1/16W J       | L3902    | NQL52EN-4R7X  | COIL          | 4.7uH N           |
| R3818    | NRSA63J-100X  | MG RESISTOR  | 10Ω 1/16W J       | L3931    | NQL63EM-101X  | COIL          | 100uH M           |
| R3819    | NRSA63J-100X  | MG RESISTOR  | 10Ω 1/16W J       | L3932    | NQL52EN-4R7X  | COIL          | 4.7uH N           |
| R3820    | NRSA63J-100X  | MG RESISTOR  | 10Ω 1/16W J       | CN302    | QGF0401F1-80W | CONNECTOR     | FFC/FPC (1-80)    |
| R3821    | NRSA63J-0R0X  | MG RESISTOR  | 0Ω 1/16W J        | CN303    | QGF0401F1-80W | CONNECTOR     | FFC/FPC (1-80)    |
| R3822    | NRSA63J-0R0X  | MG RESISTOR  | 0Ω 1/16W J        | CN304    | QGF0401F1-80W | CONNECTOR     | FFC/FPC (1-80)    |
| R3823    | NRSA63J-0R0X  | MG RESISTOR  | 0Ω 1/16W J        | K3001    | NQR0413-003X  | FERRITE BEADS |                   |
| R3824    | NRSA63J-0R0X  | MG RESISTOR  | 0Ω 1/16W J        | K3191    | NQR0413-003X  | FERRITE BEADS |                   |
| R3825    | NRSA63J-0R0X  | MG RESISTOR  | 0Ω 1/16W J        | K3192    | NQR0413-003X  | FERRITE BEADS |                   |
| R3826    | NRSA63J-0R0X  | MG RESISTOR  | 0Ω 1/16W J        | K3193    | NQR0413-003X  | FERRITE BEADS |                   |
| R3827    | NRSA63J-0R0X  | MG RESISTOR  | 0Ω 1/16W J        | K3194    | NQR0413-003X  | FERRITE BEADS |                   |
| R3828    | NRSA63J-331X  | MG RESISTOR  | 330Ω 1/16W J      | K3291    | NQR0413-003X  | FERRITE BEADS |                   |
| R3829    | NRSA63J-472X  | MG RESISTOR  | 4.7kΩ 1/16W J     | K3292    | NQR0413-003X  | FERRITE BEADS |                   |
| R3831    | NRSA63J-472X  | MG RESISTOR  | 4.7kΩ 1/16W J     | K3293    | NQR0413-003X  | FERRITE BEADS |                   |
| R3832    | NRSA63J-331X  | MG RESISTOR  | 330Ω 1/16W J      | K3294    | NQR0413-003X  | FERRITE BEADS |                   |
| R3833    | NRSA63J-472X  | MG RESISTOR  | 4.7kΩ 1/16W J     | K3391    | NQR0413-003X  | FERRITE BEADS |                   |
| R3834    | NRSA63J-472X  | MG RESISTOR  | 4.7kΩ 1/16W J     | K3392    | NQR0413-003X  | FERRITE BEADS |                   |
| R3835    | NRSA63J-332X  | MG RESISTOR  | 3.3kΩ 1/16W J     | K3393    | NQR0413-003X  | FERRITE BEADS |                   |
| R3837    | NRSA63J-0R0X  | MG RESISTOR  | 0Ω 1/16W J        | K3394    | NQR0413-003X  | FERRITE BEADS |                   |
| R3838    | NRSA63J-0R0X  | MG RESISTOR  | 0Ω 1/16W J        | K3701    | NQR0413-003X  | FERRITE BEADS |                   |
| R3839    | NRSA63J-332X  | MG RESISTOR  | 3.3kΩ 1/16W J     | K3741    | NQR0413-003X  | FERRITE BEADS |                   |
| R3841    | NRSA63J-0R0X  | MG RESISTOR  | 0Ω 1/16W J        | K3742    | NQR0413-003X  | FERRITE BEADS |                   |
| R3842    | NRSA63J-0R0X  | MG RESISTOR  | 0Ω 1/16W J        | K3743    | NQR0413-003X  | FERRITE BEADS |                   |
| R3843    | NRSA63J-101X  | MG RESISTOR  | 100Ω 1/16W J      | K3744    | NQR0413-003X  | FERRITE BEADS |                   |
| R3844    | NRSA63J-101X  | MG RESISTOR  | 100Ω 1/16W J      | K3851    | NQR0413-003X  | FERRITE BEADS |                   |
| R3845    | NRSA63J-332X  | MG RESISTOR  | 3.3kΩ 1/16W J     | K3852    | NQR0413-003X  | FERRITE BEADS |                   |
| R3846    | NRSA63J-102X  | MG RESISTOR  | 1kΩ 1/16W J       | K3861    | NQR0413-003X  | FERRITE BEADS |                   |
| R3847    | NRSA63J-332X  | MG RESISTOR  | 3.3kΩ 1/16W J     | K3881    | NQR0413-003X  | FERRITE BEADS |                   |
| R3848    | NRSA63J-102X  | MG RESISTOR  | 1kΩ 1/16W J       | K3891    | NQR0413-003X  | FERRITE BEADS |                   |
| R3851    | NRZ0040-100X  | NET RESISTOR | 10Ω 1/16W J x4    | K3892    | NQR0413-003X  | FERRITE BEADS |                   |
| R3852    | NRSA63J-472X  | MG RESISTOR  | 4.7kΩ 1/16W J     | X3202    | NAX0736-001X  | CXO           |                   |
| R3853    | NRSA63J-472X  | MG RESISTOR  | 4.7kΩ 1/16W J     | X3701    | NAX0672-001X  | CRYSTAL       | 54MHz             |
| R3854    | NRSA63J-472X  | MG RESISTOR  | 4.7kΩ 1/16W J     | X3881    | NAX0587-001X  | CXO           |                   |
| R3855    | NRSA63J-0R0X  | MG RESISTOR  | 0Ω 1/16W J        |          |               |               |                   |
| R3856    | NRSA63J-0R0X  | MG RESISTOR  | 0Ω 1/16W J        |          |               |               |                   |
| R3857    | NRSA63J-0R0X  | MG RESISTOR  | 0Ω 1/16W J        |          |               |               |                   |
| R3858    | NRSA63J-0R0X  | MG RESISTOR  | 0Ω 1/16W J        |          |               |               |                   |
| R3859    | NRSA63J-0R0X  | MG RESISTOR  | 0Ω 1/16W J        |          |               |               |                   |
| R3860    | NRSA63J-0R0X  | MG RESISTOR  | 0Ω 1/16W J        |          |               |               |                   |
| R3861    | NRSA63J-0R0X  | MG RESISTOR  | 0Ω 1/16W J        |          |               |               |                   |
| R3862    | NRSA63J-0R0X  | MG RESISTOR  | 0Ω 1/16W J        |          |               |               |                   |
| R3863    | NRSA63J-0R0X  | MG RESISTOR  | 0Ω 1/16W J        |          |               |               |                   |
| R3864    | NRS12BJ-0R0W  | MG RESISTOR  | 0Ω 1/2W J         |          |               |               |                   |
| R3881    | NRSA63J-0R0X  | MG RESISTOR  | 0Ω 1/16W J        |          |               |               |                   |
| R3882    | NRSA63J-100X  | MG RESISTOR  | 10Ω 1/16W J       |          |               |               |                   |
| R3892    | NRSA63J-332X  | MG RESISTOR  | 3.3kΩ 1/16W J     |          |               |               |                   |
| R3901    | NRSA63J-100X  | MG RESISTOR  | 10Ω 1/16W J       |          |               |               |                   |
| R3902    | NRSA63J-331X  | MG RESISTOR  | 330Ω 1/16W J      |          |               |               |                   |
| R3903    | NRSA63D-222X  | MG RESISTOR  | 2.2kΩ 1/16W D     |          |               |               |                   |
| R3904    | NRSA63D-222X  | MG RESISTOR  | 2.2kΩ 1/16W D     |          |               |               |                   |
| R3905    | NRSA63J-473X  | MG RESISTOR  | 47kΩ 1/16W J      |          |               |               |                   |
| R3906    | NRSA63D-222X  | MG RESISTOR  | 2.2kΩ 1/16W D     |          |               |               |                   |
| R3908    | NRSA63J-104X  | MG RESISTOR  | 100kΩ 1/16W J     |          |               |               |                   |
| R3909    | NRSA63J-102X  | MG RESISTOR  | 1kΩ 1/16W J       |          |               |               |                   |
| R3910    | NRSA63J-473X  | MG RESISTOR  | 47kΩ 1/16W J      |          |               |               |                   |
| R3911    | NRSA63J-180X  | MG RESISTOR  | 18Ω 1/16W J       |          |               |               |                   |
| R3912    | NRSA63J-100X  | MG RESISTOR  | 10Ω 1/16W J       |          |               |               |                   |
| R3913    | NRZ0075-R005X | MP RESISTOR  | 0.005Ω 1W J       |          |               |               |                   |
| R3917    | NRSA63J-471X  | MG RESISTOR  | 470Ω 1/16W J      |          |               |               |                   |
| R3918    | NRSA63J-0R0X  | MG RESISTOR  | 0Ω 1/16W J        |          |               |               |                   |
| R3931    | NRSA63J-102X  | MG RESISTOR  | 1kΩ 1/16W J       |          |               |               |                   |
| R3932    | NRSA63J-332X  | MG RESISTOR  | 3.3kΩ 1/16W J     |          |               |               |                   |
| R3933    | NRSA63D-122X  | MG RESISTOR  | 1.2kΩ 1/16W D     |          |               |               |                   |
| R3934    | NRSA63D-822X  | MG RESISTOR  | 8.2kΩ 1/16W D     |          |               |               |                   |
| R3935    | NRSA63D-332X  | MG RESISTOR  | 3.3kΩ 1/16W D     |          |               |               |                   |
| R3939    | NRSA63J-102X  | MG RESISTOR  | 1kΩ 1/16W J       |          |               |               |                   |
| R3951    | NRSA63D-391X  | MG RESISTOR  | 390Ω 1/16W D      |          |               |               |                   |
| R3952    | NRSA63D-332X  | MG RESISTOR  | 3.3kΩ 1/16W D     |          |               |               |                   |
| R3953    | NRSA63D-102X  | MG RESISTOR  | 1kΩ 1/16W D       |          |               |               |                   |
| R3954    | NRSA63J-103X  | MG RESISTOR  | 10kΩ 1/16W J      |          |               |               |                   |
| R3957    | NRSA63D-392X  | MG RESISTOR  | 3.9kΩ 1/16W D     |          |               |               |                   |
| R3958    | NRSA63J-560X  | MG RESISTOR  | 56Ω 1/16W J       |          |               |               |                   |
| R3959    | NRSA63D-102X  | MG RESISTOR  | 1kΩ 1/16W D       |          |               |               |                   |
| R3960    | NRSA63J-103X  | MG RESISTOR  | 10kΩ 1/16W J      |          |               |               |                   |
| R3968    | NRSA63J-472X  | MG RESISTOR  | 4.7kΩ 1/16W J     |          |               |               |                   |
| R3969    | NRSA63J-103X  | MG RESISTOR  | 10kΩ 1/16W J      |          |               |               |                   |
| R3970    | NRSA63D-202X  | MG RESISTOR  | 2kΩ 1/16W D       |          |               |               |                   |
| R3971    | NRSA63D-471X  | MG RESISTOR  | 470Ω 1/16W D      |          |               |               |                   |

## REMOTE SENSOR P.W. BOARD ASSY (SRP-8005A-M2)

REFER TO PARTS LIST IN PAGE 3-21 FOR THIS P.W. BOARD.

## FAN CONTROL P.W. BOARD ASS'Y (SRP-8106A-M2)

REFER TO PARTS LIST IN PAGE 3-21 FOR THIS P.W. BOARD.

## TEMP SENSOR P.W. BOARD ASS'Y (SRP-8206A-M2)

REFER TO PARTS LIST IN PAGE 3-22 FOR THIS P.W. BOARD.

## SD CARD P.W. BOARD ASS'Y (SRP-8510A-M2)

REFER TO PARTS LIST IN PAGE 3-22 FOR THIS P.W. BOARD.

## CARD VIEWER P.W. BOARD ASS'Y (SRP-8511A-M2)

| △Ref No. | Part No.        | Part Name        | Description Local |
|----------|-----------------|------------------|-------------------|
| IC1001   | ES6425FF        | IC               |                   |
| IC1002   | IC-PST596N/J/-X | IC               |                   |
| IC1003   | SN74LVC1G126V-X | IC               |                   |
| IC1005   | RPI-352         | PHOTO TRANSISTOR |                   |
| IC1006   | SN74LVC2G74T-X  | IC               |                   |
| IC1007   | SN74LVC2G241T-X | IC               |                   |
| IC1201   | SN74LVC244APW-X | IC               |                   |
| IC1202   | SN74LVC1G04V-X  | IC               |                   |
| IC1203   | SN74LVC1G08V-X  | IC               |                   |

| △Ref No. | Part No.        | Part Name       | Description Local | △Ref No. | Part No.       | Part Name      | Description Local |
|----------|-----------------|-----------------|-------------------|----------|----------------|----------------|-------------------|
| IC1401   | K4S281632F-UC75 | IC(DIGITAL)     |                   | C2014    | NDC31HJ-101X   | C CAPACITOR    | 100pF 50V J       |
| IC1501   | SA16M90TFIR1D03 | IC(MICRO C ROM) |                   | C2015    | NCF31CZ-104X   | C CAPACITOR    | 0.1uF 16V Z       |
| IC2001   | ADV7125KST140   | IC              |                   | C2016    | NBZ0010-396X   | SP E CAPACITOR | 39uF 16V M        |
| IC2002   | AK4384VT-X      | IC              |                   | C2017    | NEHL1CM-106X   | E CAPACITOR    | 10uF 16V M        |
| IC2003   | NJM4580V-X      | IC              |                   | C2018    | NCF31CZ-104X   | C CAPACITOR    | 0.1uF 16V Z       |
| IC2004   | XC9572L10VG6401 | IC              |                   | C2019    | NCB11CK-225X   | C CAPACITOR    | 2.2uF 16V K       |
| IC2005   | SN74LVC2G08T-X  | IC              |                   | C2020    | NCB11CK-225X   | C CAPACITOR    | 2.2uF 16V K       |
| IC2201   | R1170H331B-X    | IC              |                   | C2022    | NCB31HK-182X   | C CAPACITOR    | 1800pF 50V K      |
| IC2202   | MP1580HS-X      | IC              |                   | C2024    | NCB31HK-182X   | C CAPACITOR    | 1800pF 50V K      |
| IC2204   | MM1562AF-X      | IC              |                   | C2025    | NCB31HK-103X   | C CAPACITOR    | 0.01uF 50V K      |
| Q1201    | 2SB1188/QR-W    | TRANSISTOR      |                   | C2026    | NCF31CZ-104X   | C CAPACITOR    | 0.1uF 16V Z       |
| Q1202    | UN2213-X        | DIGI TRANSISTOR |                   | C2027    | NCF31CZ-104X   | C CAPACITOR    | 0.1uF 16V Z       |
| Q2201    | 2SC2411K/QR-X   | TRANSISTOR      |                   | C2028    | NCF31CZ-104X   | C CAPACITOR    | 0.1uF 16V Z       |
| D1201    | MA111-X         | SI DIODE        |                   | C2029    | NCB31HK-103X   | C CAPACITOR    | 0.01uF 50V K      |
| D1202    | MA111-X         | SI DIODE        |                   | C2030    | NCB31CK-104X   | C CAPACITOR    | 0.1uF 16V K       |
| D1203    | MA111-X         | SI DIODE        |                   | C2031    | NCF31CZ-104X   | C CAPACITOR    | 0.1uF 16V Z       |
| D1204    | MA111-X         | SI DIODE        |                   | C2033    | QETN1EM-476Z   | E CAPACITOR    | 47uF 25V M        |
| D2201    | PTZ3.9B-X       | Z DIODE         |                   | C2034    | NCB31HK-182X   | C CAPACITOR    | 1800pF 50V K      |
| D2202    | EC30HA03L-X     | SB DIODE        |                   | C2035    | NCB31HK-182X   | C CAPACITOR    | 1800pF 50V K      |
| C1001    | NBZ0007-107X    | SP E CAPACITOR  | 100uF 4V M        | C2201    | NCF31CZ-104X   | C CAPACITOR    | 0.1uF 16V Z       |
| C1002    | NCF31CZ-104X    | C CAPACITOR     | 0.1uF 16V Z       | C2202    | NEHL1CM-476X   | E CAPACITOR    | 47uF 16V M        |
| C1003    | NBZ0007-107X    | SP E CAPACITOR  | 100uF 4V M        | C2206    | NCB31HK-222X   | C CAPACITOR    | 2200pF 50V K      |
| C1004    | NCF31CZ-104X    | C CAPACITOR     | 0.1uF 16V Z       | C2208    | NCB31CK-103X   | C CAPACITOR    | 0.01uF 16V K      |
| C1005    | NCF31CZ-104X    | C CAPACITOR     | 0.1uF 16V Z       | C2209    | NCJ41EK-106X-U | C CAPACITOR    | 10mF 25V K        |
| C1006    | NCF31CZ-104X    | C CAPACITOR     | 0.1uF 16V Z       | C2210    | NCJ41CK-226X-U | C CAPACITOR    | 22mF 16V K        |
| C1007    | NCF31CZ-104X    | C CAPACITOR     | 0.1uF 16V Z       | C2213    | NDC31HJ-471X   | C CAPACITOR    | 470pF 50V J       |
| C1008    | NCF31CZ-104X    | C CAPACITOR     | 0.1uF 16V Z       | C2214    | NCB31CK-105X   | C CAPACITOR    | 1uF 16V K         |
| C1009    | NCF31CZ-104X    | C CAPACITOR     | 0.1uF 16V Z       | C2215    | NCJ41CK-226X-U | C CAPACITOR    | 22mF 16V K        |
| C1010    | NDC31HJ-101X    | C CAPACITOR     | 100pF 50V J       | C2216    | NCJ41CK-226X-U | C CAPACITOR    | 22mF 16V K        |
| C1011    | NCF31CZ-104X    | C CAPACITOR     | 0.1uF 16V Z       | C2217    | NCJ41EK-106X-U | C CAPACITOR    | 10mF 25V K        |
| C1012    | NCF31CZ-104X    | C CAPACITOR     | 0.1uF 16V Z       | C2218    | NCJ41EK-106X-U | C CAPACITOR    | 10mF 25V K        |
| C1016    | NCF31CZ-104X    | C CAPACITOR     | 0.1uF 16V Z       | C2220    | NCF31CZ-104X   | C CAPACITOR    | 0.1uF 16V Z       |
| C1017    | NCF31CZ-104X    | C CAPACITOR     | 0.1uF 16V Z       | R1002    | NRSA63J-472X   | MG RESISTOR    | 4.7kΩ 1/16W J     |
| C1018    | NCF31CZ-104X    | C CAPACITOR     | 0.1uF 16V Z       | R1003    | NRSA63J-472X   | MG RESISTOR    | 4.7kΩ 1/16W J     |
| C1019    | NCF31CZ-104X    | C CAPACITOR     | 0.1uF 16V Z       | R1004    | NRSA63J-472X   | MG RESISTOR    | 4.7kΩ 1/16W J     |
| C1020    | NCF31CZ-104X    | C CAPACITOR     | 0.1uF 16V Z       | R1006    | NRSA63J-472X   | MG RESISTOR    | 4.7kΩ 1/16W J     |
| C1021    | NCF31CZ-104X    | C CAPACITOR     | 0.1uF 16V Z       | R1008    | NRSA63J-472X   | MG RESISTOR    | 4.7kΩ 1/16W J     |
| C1022    | NCF31CZ-104X    | C CAPACITOR     | 0.1uF 16V Z       | R1010    | NRSA63J-472X   | MG RESISTOR    | 4.7kΩ 1/16W J     |
| C1025    | NCF31CZ-104X    | C CAPACITOR     | 0.1uF 16V Z       | R1011    | NRSA63J-0R0X   | MG RESISTOR    | 0Ω 1/16W J        |
| C1026    | NEHMOJM-336X    | E CAPACITOR     | 33uF 6.3V M       | R1012    | NRSA63J-101X   | MG RESISTOR    | 100Ω 1/16W J      |
| C1027    | NCF31CZ-104X    | C CAPACITOR     | 0.1uF 16V Z       | R1013    | NRSA63J-101X   | MG RESISTOR    | 100Ω 1/16W J      |
| C1028    | NCF31CZ-104X    | C CAPACITOR     | 0.1uF 16V Z       | R1015    | NRSA63J-330X   | MG RESISTOR    | 33Ω 1/16W J       |
| C1029    | NCF31CZ-104X    | C CAPACITOR     | 0.1uF 16V Z       | R1016    | NRSA63J-330X   | MG RESISTOR    | 33Ω 1/16W J       |
| C1030    | NCF31CZ-104X    | C CAPACITOR     | 0.1uF 16V Z       | R1017    | NRSA63J-330X   | MG RESISTOR    | 33Ω 1/16W J       |
| C1032    | NCF31CZ-104X    | C CAPACITOR     | 0.1uF 16V Z       | R1018    | NRSA63J-330X   | MG RESISTOR    | 33Ω 1/16W J       |
| C1033    | NCF31CZ-104X    | C CAPACITOR     | 0.1uF 16V Z       | R1019    | NRSA63J-330X   | MG RESISTOR    | 33Ω 1/16W J       |
| C1034    | NCF31CZ-104X    | C CAPACITOR     | 0.1uF 16V Z       | R1020    | NRSA63J-330X   | MG RESISTOR    | 33Ω 1/16W J       |
| C1035    | NCF31CZ-104X    | C CAPACITOR     | 0.1uF 16V Z       | R1036    | NRSA63J-330X   | MG RESISTOR    | 33Ω 1/16W J       |
| C1036    | NCF31CZ-104X    | C CAPACITOR     | 0.1uF 16V Z       | R1037    | NRSA63J-330X   | MG RESISTOR    | 33Ω 1/16W J       |
| C1037    | NCF31CZ-104X    | C CAPACITOR     | 0.1uF 16V Z       | R1038    | NRSA63J-330X   | MG RESISTOR    | 33Ω 1/16W J       |
| C1038    | NCF31CZ-104X    | C CAPACITOR     | 0.1uF 16V Z       | R1039    | NRSA63J-330X   | MG RESISTOR    | 33Ω 1/16W J       |
| C1039    | NCF31CZ-104X    | C CAPACITOR     | 0.1uF 16V Z       | R1040    | NRSA63J-0R0X   | MG RESISTOR    | 0Ω 1/16W J        |
| C1040    | NCF31CZ-104X    | C CAPACITOR     | 0.1uF 16V Z       | R1044    | NRSA63J-472X   | MG RESISTOR    | 4.7kΩ 1/16W J     |
| C1041    | NCF31CZ-104X    | C CAPACITOR     | 0.1uF 16V Z       | R1052    | NRSA63J-330X   | MG RESISTOR    | 33Ω 1/16W J       |
| C1042    | NCF31CZ-104X    | C CAPACITOR     | 0.1uF 16V Z       | R1053    | NRSA63J-330X   | MG RESISTOR    | 33Ω 1/16W J       |
| C1043    | NDC31HJ-101X    | C CAPACITOR     | 100pF 50V J       | R1054    | NRSA63J-330X   | MG RESISTOR    | 33Ω 1/16W J       |
| C1044    | NDC31HJ-101X    | C CAPACITOR     | 100pF 50V J       | R1055    | NRSA63J-0R0X   | MG RESISTOR    | 0Ω 1/16W J        |
| C1045    | NDC31HJ-101X    | C CAPACITOR     | 100pF 50V J       | R1056    | NRSA63J-330X   | MG RESISTOR    | 33Ω 1/16W J       |
| C1201    | NCF31CZ-104X    | C CAPACITOR     | 0.1uF 16V Z       | R1058    | NRSA63J-330X   | MG RESISTOR    | 33Ω 1/16W J       |
| C1202    | NEHL1CM-106X    | E CAPACITOR     | 10uF 16V M        | R1060    | NRSA63J-330X   | MG RESISTOR    | 33Ω 1/16W J       |
| C1203    | NCF31CZ-104X    | C CAPACITOR     | 0.1uF 16V Z       | R1061    | NRSA63J-102X   | MG RESISTOR    | 1kΩ 1/16W J       |
| C1204    | NCF31CZ-104X    | C CAPACITOR     | 0.1uF 16V Z       | R1065    | NRSA63J-330X   | MG RESISTOR    | 33Ω 1/16W J       |
| C1205    | NCF31CZ-104X    | C CAPACITOR     | 0.1uF 16V Z       | R1066    | NRSA63J-330X   | MG RESISTOR    | 33Ω 1/16W J       |
| C1206    | NCF31CZ-104X    | C CAPACITOR     | 0.1uF 16V Z       | R1067    | NRSA63J-330X   | MG RESISTOR    | 33Ω 1/16W J       |
| C1301    | NCF31CZ-104X    | C CAPACITOR     | 0.1uF 16V Z       | R1068    | NRSA63J-330X   | MG RESISTOR    | 33Ω 1/16W J       |
| C1402    | NCF31CZ-104X    | C CAPACITOR     | 0.1uF 16V Z       | R1069    | NRSA63J-330X   | MG RESISTOR    | 33Ω 1/16W J       |
| C1403    | NCF31CZ-104X    | C CAPACITOR     | 0.1uF 16V Z       | R1070    | NRSA63J-330X   | MG RESISTOR    | 33Ω 1/16W J       |
| C1404    | NCF31CZ-104X    | C CAPACITOR     | 0.1uF 16V Z       | R1201    | NRSA63J-271X   | MG RESISTOR    | 270Ω 1/16W J      |
| C1405    | NCF31CZ-104X    | C CAPACITOR     | 0.1uF 16V Z       | R1202    | NRSA63J-103X   | MG RESISTOR    | 10kΩ 1/16W J      |
| C1406    | NCF31CZ-104X    | C CAPACITOR     | 0.1uF 16V Z       | R1203    | NRSA63J-103X   | MG RESISTOR    | 10kΩ 1/16W J      |
| C1407    | NCF31CZ-104X    | C CAPACITOR     | 0.1uF 16V Z       | R1204    | NRSA63J-103X   | MG RESISTOR    | 10kΩ 1/16W J      |
| C1408    | NCF31CZ-104X    | C CAPACITOR     | 0.1uF 16V Z       | R1205    | NRSA63J-473X   | MG RESISTOR    | 47kΩ 1/16W J      |
| C1501    | NCF31CZ-104X    | C CAPACITOR     | 0.1uF 16V Z       | R1206    | NRSA63J-473X   | MG RESISTOR    | 47kΩ 1/16W J      |
| C2001    | NCJ41CK-226X-U  | C CAPACITOR     | 22mF 16V K        | R1207    | NRSA63J-473X   | MG RESISTOR    | 47kΩ 1/16W J      |
| C2002    | NCJ41CK-226X-U  | C CAPACITOR     | 22mF 16V K        | R1208    | NRSA63J-473X   | MG RESISTOR    | 47kΩ 1/16W J      |
| C2003    | NCJ41CK-226X-U  | C CAPACITOR     | 22mF 16V K        | R1209    | NRSA63J-473X   | MG RESISTOR    | 47kΩ 1/16W J      |
| C2004    | NCB31HK-102X    | C CAPACITOR     | 1000pF 50V K      | R1210    | NRSA63J-473X   | MG RESISTOR    | 47kΩ 1/16W J      |
| C2005    | NCF31CZ-104X    | C CAPACITOR     | 0.1uF 16V Z       | R1211    | NRSA63J-473X   | MG RESISTOR    | 47kΩ 1/16W J      |
| C2006    | NCF31CZ-104X    | C CAPACITOR     | 0.1uF 16V Z       | R1212    | NRSA63J-473X   | MG RESISTOR    | 47kΩ 1/16W J      |
| C2009    | NDC31HJ-101X    | C CAPACITOR     | 100pF 50V J       | R1213    | NRSA63J-222X   | MG RESISTOR    | 2.2kΩ 1/16W J     |
| C2010    | NDC31HJ-101X    | C CAPACITOR     | 100pF 50V J       | R1214    | NRSA63J-473X   | MG RESISTOR    | 47kΩ 1/16W J      |
| C2011    | NDC31HJ-101X    | C CAPACITOR     | 100pF 50V J       | R1215    | NRSA63J-473X   | MG RESISTOR    | 47kΩ 1/16W J      |
| C2012    | NDC31HJ-101X    | C CAPACITOR     | 100pF 50V J       | R1216    | NRSA63J-473X   | MG RESISTOR    | 47kΩ 1/16W J      |
| C2013    | NDC31HJ-101X    | C CAPACITOR     | 100pF 50V J       | R1217    | NRSA63J-222X   | MG RESISTOR    | 2.2kΩ 1/16W J     |
|          |                 |                 |                   | R1218    | NRSA63J-473X   | MG RESISTOR    | 47kΩ 1/16W J      |
|          |                 |                 |                   | R1219    | NRSA63J-330X   | MG RESISTOR    | 33Ω 1/16W J       |

(No.YA247)3-51

| △Ref No. | Part No.        | Part Name       | Description Local | △Ref No. | Part No.     | Part Name      | Description Local |
|----------|-----------------|-----------------|-------------------|----------|--------------|----------------|-------------------|
| IC7003   | SN74AHC2G241T-X | IC              | (SERVICE)         | C0119    | NDC31HJ-470X | C CAPACITOR    | 47pF 50V J        |
| IC7401   | S-80928CLNB-W   | IC              |                   | C0204    | NDC31HJ-390X | C CAPACITOR    | 39pF 50V J        |
| IC7601   | M306V7MG-119FP  | IC(MCU)         |                   | C0205    | NDC31HJ-330X | C CAPACITOR    | 33pF 50V J        |
| IC7602   | ATF16-71G886    | IC              |                   | C0206    | NDC31HJ-390X | C CAPACITOR    | 39pF 50V J        |
| IC7603   | SN74LVC1G04V-X  | IC              |                   | C0207    | NCB31CK-104X | C CAPACITOR    | 0.1uF 16V K       |
| IC7607   | MM1510XN-X      | IC              |                   | C0209    | NCB11AK-106X | C CAPACITOR    | 10uF 10V K        |
| IC7608   | MM1510XN-X      | IC              |                   | C0210    | NCB11AK-106X | C CAPACITOR    | 10uF 10V K        |
| IC7609   | SN74AHCT1G08V-X | IC              |                   | C0211    | NDC31HJ-820X | C CAPACITOR    | 82pF 50V J        |
| IC9201   | MP1580HS-X      | IC              |                   | C0212    | NDC31HJ-820X | C CAPACITOR    | 82pF 50V J        |
| Q0101    | 2SC3837K/NP/-X  | TRANSISTOR      |                   | C0213    | NCB11AK-106X | C CAPACITOR    | 10uF 10V K        |
| Q0102    | 2SA1022/BC/-X   | TRANSISTOR      |                   | C0214    | NCB31CK-104X | C CAPACITOR    | 0.1uF 16V K       |
| Q0104    | 2SA1022/BC/-X   | TRANSISTOR      |                   | C0215    | NCB31CK-104X | C CAPACITOR    | 0.1uF 16V K       |
| Q0107    | 2SA1530A/QR/-X  | TRANSISTOR      |                   | C0217    | NDC31HJ-560X | C CAPACITOR    | 56pF 50V J        |
| Q0108    | 2SC3928A/QR/-X  | TRANSISTOR      |                   | C0219    | NDC31HJ-470X | C CAPACITOR    | 47pF 50V J        |
| Q0109    | HN1C01F/Y/-X    | PAIR TRANSISTOR |                   | C0304    | NDC31HJ-390X | C CAPACITOR    | 39pF 50V J        |
| Q0110    | HN1C01F/Y/-X    | PAIR TRANSISTOR |                   | C0305    | NDC31HJ-330X | C CAPACITOR    | 33pF 50V J        |
| Q0201    | 2SC3837K/NP/-X  | TRANSISTOR      |                   | C0306    | NDC31HJ-390X | C CAPACITOR    | 39pF 50V J        |
| Q0202    | 2SA1022/BC/-X   | TRANSISTOR      |                   | C0307    | NCB31CK-104X | C CAPACITOR    | 0.1uF 16V K       |
| Q0203    | 2SC3928A/QR/-X  | TRANSISTOR      |                   | C0309    | NCB11AK-106X | C CAPACITOR    | 10uF 10V K        |
| Q0204    | 2SA1022/BC/-X   | TRANSISTOR      |                   | C0310    | NCB11AK-106X | C CAPACITOR    | 10uF 10V K        |
| Q0206    | 2SC3928A/QR/-X  | TRANSISTOR      |                   | C0311    | NDC31HJ-820X | C CAPACITOR    | 82pF 50V J        |
| Q0207    | 2SA1530A/QR/-X  | TRANSISTOR      |                   | C0312    | NDC31HJ-820X | C CAPACITOR    | 82pF 50V J        |
| Q0208    | 2SC3928A/QR/-X  | TRANSISTOR      |                   | C0313    | NCB11AK-106X | C CAPACITOR    | 10uF 10V K        |
| Q0209    | HN1C01F/Y/-X    | PAIR TRANSISTOR |                   | C0314    | NCB31CK-104X | C CAPACITOR    | 0.1uF 16V K       |
| Q0210    | HN1C01F/Y/-X    | PAIR TRANSISTOR |                   | C0315    | NCB31CK-104X | C CAPACITOR    | 0.1uF 16V K       |
| Q0301    | 2SC3837K/NP/-X  | TRANSISTOR      |                   | C0317    | NDC31HJ-560X | C CAPACITOR    | 56pF 50V J        |
| Q0302    | 2SA1022/BC/-X   | TRANSISTOR      |                   | C0319    | NDC31HJ-470X | C CAPACITOR    | 47pF 50V J        |
| Q0303    | 2SC3928A/QR/-X  | TRANSISTOR      |                   | C0401    | NCB31CK-104X | C CAPACITOR    | 0.1uF 16V K       |
| Q0304    | 2SA1022/BC/-X   | TRANSISTOR      |                   | C0501    | NRSA63J-102X | MG RESISTOR    | 1kΩ 1/16W J       |
| Q0306    | 2SC3928A/QR/-X  | TRANSISTOR      |                   | C0502    | NRSA63J-102X | MG RESISTOR    | 1kΩ 1/16W J       |
| Q0307    | 2SA1530A/QR/-X  | TRANSISTOR      |                   | C0504    | NRSA63J-102X | MG RESISTOR    | 1kΩ 1/16W J       |
| Q0308    | 2SC3928A/QR/-X  | TRANSISTOR      |                   | C0506    | NRSA63J-332X | MG RESISTOR    | 3.3kΩ 1/16W J     |
| Q0309    | HN1C01F/Y/-X    | PAIR TRANSISTOR |                   | C0507    | NRSA63J-102X | MG RESISTOR    | 1kΩ 1/16W J       |
| Q0310    | HN1C01F/Y/-X    | PAIR TRANSISTOR |                   | C0508    | NRSA63J-102X | MG RESISTOR    | 1kΩ 1/16W J       |
| Q0311    | 2SC3928A/QR/-X  | TRANSISTOR      |                   | C0511    | NDC31HJ-100X | C CAPACITOR    | 10pF 50V J        |
| Q1001    | UN2213-X        | DIGI TRANSISTOR |                   | C0512    | NDC31HJ-100X | C CAPACITOR    | 10pF 50V J        |
| Q1003    | 2SC3928A/QR/-X  | TRANSISTOR      |                   | C0513    | NDC31HJ-100X | C CAPACITOR    | 10pF 50V J        |
| Q1004    | 2SC3928A/QR/-X  | TRANSISTOR      |                   | C0514    | NDC31HJ-100X | C CAPACITOR    | 10pF 50V J        |
| Q1005    | 2SK1228-X       | MOS FET         |                   | C0515    | NRSA63J-222X | MG RESISTOR    | 2.2kΩ 1/16W J     |
| Q1006    | 2SK1228-X       | MOS FET         |                   | C0516    | NDC31HJ-100X | C CAPACITOR    | 10pF 50V J        |
| Q1101    | 2SC3928A/QR/-X  | TRANSISTOR      |                   | C0517    | NDC31HJ-100X | C CAPACITOR    | 10pF 50V J        |
| Q1103    | 2SA1530A/QR/-X  | TRANSISTOR      |                   | C0518    | NDC31HJ-100X | C CAPACITOR    | 10pF 50V J        |
| Q1201    | 2SC3928A/QR/-X  | TRANSISTOR      |                   | C0519    | NDC31HJ-560X | C CAPACITOR    | 56pF 50V J        |
| Q1203    | 2SA1530A/QR/-X  | TRANSISTOR      |                   | C0520    | NDC31HJ-100X | C CAPACITOR    | 10pF 50V J        |
| Q1301    | 2SC3928A/QR/-X  | TRANSISTOR      |                   | C1001    | NCB30JK-225X | C CAPACITOR    | 2.2uF 6.3V K      |
| Q1303    | 2SA1530A/QR/-X  | TRANSISTOR      |                   | C1002    | NEHM1CM-476X | E CAPACITOR    | 47uF 16V M        |
| Q1401    | 2SC3928A/QR/-X  | TRANSISTOR      |                   | C1004    | NCB31CK-103X | C CAPACITOR    | 0.01uF 16V K      |
| Q1403    | 2SA1530A/QR/-X  | TRANSISTOR      |                   | C1005    | NCB31HK-152X | C CAPACITOR    | 1500pF 50V K      |
| Q3001    | 2SC3928A/QR/-X  | TRANSISTOR      |                   | C1006    | NCB30JK-225X | C CAPACITOR    | 2.2uF 6.3V K      |
| Q3002    | 2SA1530A/QR/-X  | TRANSISTOR      |                   | C1009    | NDC31HJ-220X | C CAPACITOR    | 22pF 50V J        |
| Q3003    | 2SC3928A/QR/-X  | TRANSISTOR      |                   | C1010    | NDC31HJ-180X | C CAPACITOR    | 18pF 50V J        |
| Q3004    | 2SA1530A/QR/-X  | TRANSISTOR      |                   | C1011    | NDC31HJ-102X | C CAPACITOR    | 1000pF 50V J      |
| Q7206    | UN2213-X        | DIGI TRANSISTOR |                   | C1012    | NCB31CK-103X | C CAPACITOR    | 0.01uF 16V K      |
| Q7207    | UN2113-X        | DIGI TRANSISTOR |                   | C1013    | NCB31CK-103X | C CAPACITOR    | 0.01uF 16V K      |
| D1001    | EC30HA03L-X     | SB DIODE        |                   | C1014    | NCB31CK-103X | C CAPACITOR    | 0.01uF 16V K      |
| D1002    | EC30HA03L-X     | SB DIODE        |                   | C1015    | NCB31CK-103X | C CAPACITOR    | 0.01uF 16V K      |
| D2101    | MA111-X         | SI DIODE        |                   | C1016    | NCB11AK-106X | C CAPACITOR    | 10uF 10V K        |
| D2103    | MA111-X         | SI DIODE        |                   | C1017    | NCB31CK-103X | C CAPACITOR    | 0.01uF 16V K      |
| D7001    | MA111-X         | SI DIODE        |                   | C1018    | NCB31CK-103X | C CAPACITOR    | 0.01uF 16V K      |
| D7002    | MA8051/M/-X     | Z DIODE         |                   | C1019    | NCB30JK-225X | C CAPACITOR    | 2.2uF 6.3V K      |
| D7003    | MA111-X         | SI DIODE        |                   | C1021    | NCB30JK-225X | C CAPACITOR    | 2.2uF 6.3V K      |
| D7005    | MA8082/M/-X     | Z DIODE         |                   | C1023    | NCB31CK-103X | C CAPACITOR    | 0.01uF 16V K      |
| D7006    | MA8082/M/-X     | Z DIODE         |                   | C1025    | NCB30JK-225X | C CAPACITOR    | 2.2uF 6.3V K      |
| D7007    | MA8082/M/-X     | Z DIODE         |                   | C1026    | NCB30JK-225X | C CAPACITOR    | 2.2uF 6.3V K      |
| D7008    | MA8082/M/-X     | Z DIODE         |                   | C1028    | NCB31CK-103X | C CAPACITOR    | 0.01uF 16V K      |
| D7009    | MA8082/M/-X     | Z DIODE         |                   | C1029    | NCB31CK-103X | C CAPACITOR    | 0.01uF 16V K      |
| D7203    | MA111-X         | SI DIODE        |                   | C1030    | NCB31CK-103X | C CAPACITOR    | 0.01uF 16V K      |
| D7204    | MA111-X         | SI DIODE        |                   | C1031    | NCB31CK-103X | C CAPACITOR    | 0.01uF 16V K      |
| D7601    | MA111-X         | SI DIODE        |                   | C1032    | NCB31CK-103X | C CAPACITOR    | 0.01uF 16V K      |
| D9201    | EC30HA03L-X     | SB DIODE        |                   | C1033    | NCB31CK-103X | C CAPACITOR    | 0.01uF 16V K      |
| D9203    | PTZ3.9B-X       | Z DIODE         |                   | C1035    | NDC31HJ-680X | C CAPACITOR    | 68pF 50V J        |
| D9204    | 1SS355-X        | SI DIODE        |                   | C1037    | NCB31CK-104X | C CAPACITOR    | 0.1uF 16V K       |
| C0104    | NDC31HJ-390X    | C CAPACITOR     | 39pF 50V J        | C1038    | NCB31CK-103X | C CAPACITOR    | 0.01uF 16V K      |
| C0105    | NDC31HJ-330X    | C CAPACITOR     | 33pF 50V J        | C1039    | NCB31CK-103X | C CAPACITOR    | 0.01uF 16V K      |
| C0107    | NCB31CK-104X    | C CAPACITOR     | 0.1uF 16V K       | C1040    | NCB31CK-103X | C CAPACITOR    | 0.01uF 16V K      |
| C0109    | NCB11AK-106X    | C CAPACITOR     | 10uF 10V K        | C1041    | NCB10JK-106X | C CAPACITOR    | 10uF 6.3V K       |
| C0110    | NCB11AK-106X    | C CAPACITOR     | 10uF 10V K        | C1042    | NCB31CK-104X | C CAPACITOR    | 0.1uF 16V K       |
| C0111    | NDC31HJ-820X    | C CAPACITOR     | 82pF 50V J        | C1043    | NCB31CK-103X | C CAPACITOR    | 0.01uF 16V K      |
| C0112    | NDC31HJ-820X    | C CAPACITOR     | 82pF 50V J        | C1045    | NCB31CK-104X | C CAPACITOR    | 0.1uF 16V K       |
| C0113    | NCB11AK-106X    | C CAPACITOR     | 10uF 10V K        | C1046    | NCB31CK-103X | C CAPACITOR    | 0.01uF 16V K      |
| C0114    | NCB31CK-104X    | C CAPACITOR     | 0.1uF 16V K       | C1047    | NCB31CK-103X | C CAPACITOR    | 0.01uF 16V K      |
| C0115    | NCB31CK-104X    | C CAPACITOR     | 0.1uF 16V K       | C1048    | NCB30JK-105X | C CAPACITOR    | 1uF 6.3V K        |
| C0116    | NCB11AK-106X    | C CAPACITOR     | 10uF 10V K        | C1049    | NCB31CK-103X | C CAPACITOR    | 0.01uF 16V K      |
| C0117    | NDC31HJ-560X    | C CAPACITOR     | 56pF 50V J        | C1050    | NCB30JK-105X | C CAPACITOR    | 1uF 6.3V K        |
|          |                 |                 |                   | C1051    | NCB30JK-105X | C CAPACITOR    | 1uF 6.3V K        |
|          |                 |                 |                   | C1061    | NDC31HJ-4R0X | C CAPACITOR    | 4pF 50V J         |
|          |                 |                 |                   | C1062    | NBE40JM-476X | TA E CAPACITOR | 47uF 6.3V M       |



| △Ref No. | Part No.       | Part Name      | Description Local | △Ref No. | Part No.       | Part Name      | Description Local |
|----------|----------------|----------------|-------------------|----------|----------------|----------------|-------------------|
| C1063    | NCB21AK-225X   | C CAPACITOR    | 2.2uF 10V K       | C3044    | NCB31CK-104X   | C CAPACITOR    | 0.1uF 16V K       |
| C1064    | NCB31CK-103X   | C CAPACITOR    | 0.01uF 16V K      | C3045    | NCB31CK-104X   | C CAPACITOR    | 0.1uF 16V K       |
| C1065    | NCB30JK-105X   | C CAPACITOR    | 1uF 6.3V K        | C3047    | NCB31CK-104X   | C CAPACITOR    | 0.1uF 16V K       |
| C1066    | NBE40JM-476X   | TA E CAPACITOR | 47uF 6.3V M       | C3049    | NCB31CK-104X   | C CAPACITOR    | 0.1uF 16V K       |
| C1067    | NCB30JK-105X   | C CAPACITOR    | 1uF 6.3V K        | C3051    | NCB31HK-472X   | C CAPACITOR    | 4700pF 50V K      |
| C1068    | NBE40JM-476X   | TA E CAPACITOR | 47uF 6.3V M       | C3052    | NCB31AK-334X   | C CAPACITOR    | 0.33uF 10V K      |
| C1069    | NCB21AK-225X   | C CAPACITOR    | 2.2uF 10V K       | C3056    | NCB31AK-334X   | C CAPACITOR    | 0.33uF 10V K      |
| C1071    | NBE20GM-106X   | TA E CAPACITOR | 10uF 4V M         | C3059    | NCB31HK-223X   | C CAPACITOR    | 0.022uF 50V K     |
| C1072    | NBE20GM-106X   | TA E CAPACITOR | 10uF 4V M         | C3060    | NCB31HK-152X   | C CAPACITOR    | 1500pF 50V K      |
| C1073    | NBE40JM-476X   | TA E CAPACITOR | 47uF 6.3V M       | C3063    | NCB31CK-104X   | C CAPACITOR    | 0.1uF 16V K       |
| C1074    | NBE40JM-476X   | TA E CAPACITOR | 47uF 6.3V M       | C3065    | NCB31CK-104X   | C CAPACITOR    | 0.1uF 16V K       |
| C1075    | NBE40JM-476X   | TA E CAPACITOR | 47uF 6.3V M       | C3066    | NCB31CK-104X   | C CAPACITOR    | 0.1uF 16V K       |
| C1076    | NBE20GM-106X   | TA E CAPACITOR | 10uF 4V M         | C3067    | NCB31CK-104X   | C CAPACITOR    | 0.1uF 16V K       |
| C1077    | NEHM1CM-476X   | E CAPACITOR    | 47uF 16V M        | C3068    | NCB31CK-104X   | C CAPACITOR    | 0.1uF 16V K       |
| C1081    | NCB31CK-103X   | C CAPACITOR    | 0.01uF 16V K      | C3069    | NCB31CK-104X   | C CAPACITOR    | 0.1uF 16V K       |
| C1082    | NCB31CK-103X   | C CAPACITOR    | 0.01uF 16V K      | C3070    | NCB31CK-104X   | C CAPACITOR    | 0.1uF 16V K       |
| C1083    | NCB31CK-103X   | C CAPACITOR    | 0.01uF 16V K      | C3071    | NCB31CK-104X   | C CAPACITOR    | 0.1uF 16V K       |
| C1084    | NCB31CK-103X   | C CAPACITOR    | 0.01uF 16V K      | C3072    | NCB31CK-104X   | C CAPACITOR    | 0.1uF 16V K       |
| C1085    | NCB31CK-103X   | C CAPACITOR    | 0.01uF 16V K      | C3074    | NCB31CK-104X   | C CAPACITOR    | 0.1uF 16V K       |
| C1086    | NCB31CK-103X   | C CAPACITOR    | 0.01uF 16V K      | C3075    | NCB31CK-104X   | C CAPACITOR    | 0.1uF 16V K       |
| C1087    | NCB31CK-103X   | C CAPACITOR    | 0.01uF 16V K      | C3076    | NCB31CK-104X   | C CAPACITOR    | 0.1uF 16V K       |
| C1102    | NDC31HJ-330X   | C CAPACITOR    | 33pF 50V J        | C3097    | NCB30JK-225X   | C CAPACITOR    | 2.2uF 6.3V K      |
| C1103    | NDC31HJ-680X   | C CAPACITOR    | 68pF 50V J        | C3101    | NCB30JK-225X   | C CAPACITOR    | 2.2uF 6.3V K      |
| C1104    | NDC31HJ-560X   | C CAPACITOR    | 56pF 50V J        | C3105    | NCB30JK-225X   | C CAPACITOR    | 2.2uF 6.3V K      |
| C1105    | NCF11CZ-475X   | C CAPACITOR    | 4.7uF 16V Z       | C3107    | NCB31CK-103X   | C CAPACITOR    | 0.01uF 16V K      |
| C1106    | NCB31CK-104X   | C CAPACITOR    | 0.1uF 16V K       | C3109    | NCB31CK-103X   | C CAPACITOR    | 0.01uF 16V K      |
| C1107    | NDC31HJ-560X   | C CAPACITOR    | 56pF 50V J        | C3111    | NCB31CK-104X   | C CAPACITOR    | 0.1uF 16V K       |
| C1109    | NDC31HJ-151X   | C CAPACITOR    | 150pF 50V J       | C3121    | NCB31AK-105X   | C CAPACITOR    | 1uF 10V K         |
| C1111    | NDC31HJ-270X   | C CAPACITOR    | 27pF 50V J        | C3122    | NCB31AK-105X   | C CAPACITOR    | 1uF 10V K         |
| C1202    | NDC31HJ-330X   | C CAPACITOR    | 33pF 50V J        | C3123    | NCB31AK-105X   | C CAPACITOR    | 1uF 10V K         |
| C1203    | NDC31HJ-330X   | C CAPACITOR    | 33pF 50V J        | C3124    | NCB31AK-105X   | C CAPACITOR    | 1uF 10V K         |
| C1204    | NDC31HJ-560X   | C CAPACITOR    | 56pF 50V J        | C3125    | NCB31AK-105X   | C CAPACITOR    | 1uF 10V K         |
| C1205    | NCF11CZ-475X   | C CAPACITOR    | 4.7uF 16V Z       | C3406    | NCB31HK-102X   | C CAPACITOR    | 1000pF 50V K      |
| C1206    | NCB31CK-104X   | C CAPACITOR    | 0.1uF 16V K       | C3501    | NCF31CZ-474X   | C CAPACITOR    | 0.47uF 16V Z      |
| C1209    | NDC31HJ-151X   | C CAPACITOR    | 150pF 50V J       | C3502    | NDC31HJ-100X   | C CAPACITOR    | 10pF 50V J        |
| C1302    | NDC31HJ-101X   | C CAPACITOR    | 100pF 50V J       | C3503    | NCF31CZ-474X   | C CAPACITOR    | 0.47uF 16V Z      |
| C1303    | NDC31HJ-330X   | C CAPACITOR    | 33pF 50V J        | C3506    | NCB30JK-225X   | C CAPACITOR    | 2.2uF 6.3V K      |
| C1304    | NDC31HJ-151X   | C CAPACITOR    | 150pF 50V J       | C3507    | NCF31CZ-474X   | C CAPACITOR    | 0.47uF 16V Z      |
| C1305    | NCF11CZ-475X   | C CAPACITOR    | 4.7uF 16V Z       | C3508    | NCF31CZ-474X   | C CAPACITOR    | 0.47uF 16V Z      |
| C1306    | NCB31CK-104X   | C CAPACITOR    | 0.1uF 16V K       | C3509    | NCB30JK-225X   | C CAPACITOR    | 2.2uF 6.3V K      |
| C1309    | NDC31HJ-151X   | C CAPACITOR    | 150pF 50V J       | C3510    | NDC31HJ-100X   | C CAPACITOR    | 10pF 50V J        |
| C1311    | NDC31HJ-470X   | C CAPACITOR    | 47pF 50V J        | C3511    | NCF31CZ-474X   | C CAPACITOR    | 0.47uF 16V Z      |
| C1402    | NDC31HJ-101X   | C CAPACITOR    | 100pF 50V J       | C3512    | NDC31HJ-100X   | C CAPACITOR    | 10pF 50V J        |
| C1403    | NDC31HJ-330X   | C CAPACITOR    | 33pF 50V J        | C3513    | NDC31HJ-100X   | C CAPACITOR    | 10pF 50V J        |
| C1404    | NDC31HJ-151X   | C CAPACITOR    | 150pF 50V J       | C3514    | NDC31HJ-100X   | C CAPACITOR    | 10pF 50V J        |
| C1405    | NCF11CZ-475X   | C CAPACITOR    | 4.7uF 16V Z       | C3515    | NCB31CK-104X   | C CAPACITOR    | 0.1uF 16V K       |
| C1406    | NCB31CK-104X   | C CAPACITOR    | 0.1uF 16V K       | C3516    | NCF31CZ-474X   | C CAPACITOR    | 0.47uF 16V Z      |
| C1409    | NDC31HJ-151X   | C CAPACITOR    | 150pF 50V J       | C3517    | NCF31CZ-474X   | C CAPACITOR    | 0.47uF 16V Z      |
| C1411    | NDC31HJ-470X   | C CAPACITOR    | 47pF 50V J        | C3518    | NCB31CK-104X   | C CAPACITOR    | 0.1uF 16V K       |
| C1502    | NCJ41EK-106X-U | C CAPACITOR    | 10mF 25V K        | C3519    | NCB31CK-104X   | C CAPACITOR    | 0.1uF 16V K       |
| C1508    | NCF11CZ-475X   | C CAPACITOR    | 4.7uF 16V Z       | C3524    | NCB31CK-104X   | C CAPACITOR    | 0.1uF 16V K       |
| C1509    | NCB31CK-103X   | C CAPACITOR    | 0.01uF 16V K      | C3525    | NDC31HJ-100X   | C CAPACITOR    | 10pF 50V J        |
| C1511    | NRSA63J-105X   | MG RESISTOR    | 1MΩ 1/16W J       | C3526    | NDC31HJ-100X   | C CAPACITOR    | 10pF 50V J        |
| C1548    | NCB31CK-104X   | C CAPACITOR    | 0.1uF 16V K       | C3527    | NCF31CZ-474X   | C CAPACITOR    | 0.47uF 16V Z      |
| C1549    | NCB31CK-104X   | C CAPACITOR    | 0.1uF 16V K       | C3530    | NCB31CK-104X   | C CAPACITOR    | 0.1uF 16V K       |
| C2001    | NCB31CK-104X   | C CAPACITOR    | 0.1uF 16V K       | C3531    | NCB31CK-104X   | C CAPACITOR    | 0.1uF 16V K       |
| C2003    | NCB31CK-104X   | C CAPACITOR    | 0.1uF 16V K       | C3532    | NCB30JK-225X   | C CAPACITOR    | 2.2uF 6.3V K      |
| C2004    | NCB31CK-104X   | C CAPACITOR    | 0.1uF 16V K       | C3533    | NCB30JK-225X   | C CAPACITOR    | 2.2uF 6.3V K      |
| C2012    | NCB31CK-104X   | C CAPACITOR    | 0.1uF 16V K       | C3534    | NDC31HJ-100X   | C CAPACITOR    | 10pF 50V J        |
| C2013    | NCB31CK-104X   | C CAPACITOR    | 0.1uF 16V K       | C3535    | NCF31CZ-474X   | C CAPACITOR    | 0.47uF 16V Z      |
| C2031    | NCB31CK-104X   | C CAPACITOR    | 0.1uF 16V K       | C3536    | NDC31HJ-100X   | C CAPACITOR    | 10pF 50V J        |
| C2036    | NDC31HJ-100X   | C CAPACITOR    | 10pF 50V J        | C3537    | NDC31HJ-100X   | C CAPACITOR    | 10pF 50V J        |
| C2101    | NCB21HK-104X   | C CAPACITOR    | 0.1uF 50V K       | C3538    | NDC31HJ-100X   | C CAPACITOR    | 10pF 50V J        |
| C2102    | NCJ41CK-226X-U | C CAPACITOR    | 22mF 16V K        | C3539    | NCF31CZ-474X   | C CAPACITOR    | 0.47uF 16V Z      |
| C3004    | NCB31CK-104X   | C CAPACITOR    | 0.1uF 16V K       | C3540    | NCF31CZ-474X   | C CAPACITOR    | 0.47uF 16V Z      |
| C3005    | NCB31CK-104X   | C CAPACITOR    | 0.1uF 16V K       | C3541    | NDC31HJ-100X   | C CAPACITOR    | 10pF 50V J        |
| C3006    | NCB31CK-104X   | C CAPACITOR    | 0.1uF 16V K       | C3542    | NCF31CZ-474X   | C CAPACITOR    | 0.47uF 16V Z      |
| C3007    | NCB31CK-104X   | C CAPACITOR    | 0.1uF 16V K       | C3543    | NCB31CK-104X   | C CAPACITOR    | 0.1uF 16V K       |
| C3008    | NCB31CK-104X   | C CAPACITOR    | 0.1uF 16V K       | C3545    | NDC31HJ-100X   | C CAPACITOR    | 10pF 50V J        |
| C3010    | NCB31CK-104X   | C CAPACITOR    | 0.1uF 16V K       | C3548    | NCB31CK-104X   | C CAPACITOR    | 0.1uF 16V K       |
| C3016    | NCB31CK-104X   | C CAPACITOR    | 0.1uF 16V K       | C3549    | NBZ0007-107X   | SP E CAPACITOR | 100uF 4V M        |
| C3018    | NCB31CK-104X   | C CAPACITOR    | 0.1uF 16V K       | C3550    | NCB31CK-104X   | C CAPACITOR    | 0.1uF 16V K       |
| C3019    | NCB31CK-104X   | C CAPACITOR    | 0.1uF 16V K       | C3551    | NBZ0007-107X   | SP E CAPACITOR | 100uF 4V M        |
| C3021    | NCB31CK-104X   | C CAPACITOR    | 0.1uF 16V K       | C3552    | NCB31CK-104X   | C CAPACITOR    | 0.1uF 16V K       |
| C3022    | NBZ0007-107X   | SP E CAPACITOR | 100uF 4V M        | C3554    | NCJ41CK-226X-U | C CAPACITOR    | 22mF 16V K        |
| C3023    | NCB31CK-104X   | C CAPACITOR    | 0.1uF 16V K       | C3555    | NCJ41CK-226X-U | C CAPACITOR    | 22mF 16V K        |
| C3025    | NCB30JK-105X   | C CAPACITOR    | 1uF 6.3V K        | C4002    | NCB31CK-104X   | C CAPACITOR    | 0.1uF 16V K       |
| C3026    | NCB30JK-225X   | C CAPACITOR    | 2.2uF 6.3V K      | C4003    | NCB31CK-104X   | C CAPACITOR    | 0.1uF 16V K       |
| C3028    | NDC31HJ-221X   | C CAPACITOR    | 220pF 50V J       | C4005    | NCB31AK-105X   | C CAPACITOR    | 1uF 10V K         |
| C3030    | NCB31CK-104X   | C CAPACITOR    | 0.1uF 16V K       | C4006    | NCB31AK-105X   | C CAPACITOR    | 1uF 10V K         |
| C3031    | NCB31CK-104X   | C CAPACITOR    | 0.1uF 16V K       | C4008    | NCF11CZ-475X   | C CAPACITOR    | 4.7uF 16V Z       |
| C3032    | NCB31CK-104X   | C CAPACITOR    | 0.1uF 16V K       | C4009    | NCB31AK-105X   | C CAPACITOR    | 1uF 10V K         |
| C3037    | NCB30JK-225X   | C CAPACITOR    | 2.2uF 6.3V K      | C4010    | NCB31AK-105X   | C CAPACITOR    | 1uF 10V K         |
| C3040    | NCB31CK-104X   | C CAPACITOR    | 0.1uF 16V K       | C4011    | NCF11CZ-475X   | C CAPACITOR    | 4.7uF 16V Z       |
| C3041    | NDC31HJ-101X   | C CAPACITOR    | 100pF 50V J       | C4012    | NCB31AK-105X   | C CAPACITOR    | 1uF 10V K         |
| C3042    | NCB31CK-104X   | C CAPACITOR    | 0.1uF 16V K       | C4013    | NCB31AK-105X   | C CAPACITOR    | 1uF 10V K         |
| C3043    | NDC31HJ-101X   | C CAPACITOR    | 100pF 50V J       | C4016    | NCB31AK-105X   | C CAPACITOR    | 1uF 10V K         |

| △Ref No. | Part No.       | Part Name   | Description Local | △Ref No. | Part No.       | Part Name   | Description Local |
|----------|----------------|-------------|-------------------|----------|----------------|-------------|-------------------|
| C4020    | NCB31AK-105X   | C CAPACITOR | 1uF 10V K         | C9205    | NCJ41CK-226X-U | C CAPACITOR | 22mF 16V K        |
| C4022    | NCB31CK-104X   | C CAPACITOR | 0.1uF 16V K       | C9207    | NCB31HK-222X   | C CAPACITOR | 2200pF 50V K      |
| C4023    | NCB31CK-104X   | C CAPACITOR | 0.1uF 16V K       | C9208    | NCJ41CK-226X-U | C CAPACITOR | 22mF 16V K        |
| C4029    | NDC31HJ-470X   | C CAPACITOR | 47pF 50V J        | C9210    | NCJ41CK-226X-U | C CAPACITOR | 22mF 16V K        |
| C4030    | NDC31HJ-470X   | C CAPACITOR | 47pF 50V J        | C9211    | NCB31HK-153X   | C CAPACITOR | 0.015uF 50V K     |
| C4906    | NCB31CK-104X   | C CAPACITOR | 0.1uF 16V K       | C9212    | NCB31HK-122X   | C CAPACITOR | 1200pF 50V K      |
| C4908    | NCB31CK-104X   | C CAPACITOR | 0.1uF 16V K       |          |                |             |                   |
| C4916    | NCB31CK-104X   | C CAPACITOR | 0.1uF 16V K       | R0105    | NRSA63J-101X   | MG RESISTOR | 100Ω 1/16W J      |
| C4920    | NCB31CK-104X   | C CAPACITOR | 0.1uF 16V K       | R0106    | NRSA63J-331X   | MG RESISTOR | 330Ω 1/16W J      |
| C4925    | NCB31CK-104X   | C CAPACITOR | 0.1uF 16V K       | R0107    | NRSA63J-331X   | MG RESISTOR | 330Ω 1/16W J      |
| C4926    | NCF31AZ-105X   | C CAPACITOR | 1uF 10V Z         | R0109    | NRSA63J-221X   | MG RESISTOR | 220Ω 1/16W J      |
| C4932    | NCB31CK-104X   | C CAPACITOR | 0.1uF 16V K       | R0110    | NRSA63J-101X   | MG RESISTOR | 100Ω 1/16W J      |
| C4933    | NCB31CK-104X   | C CAPACITOR | 0.1uF 16V K       | R0116    | NRSA63J-101X   | MG RESISTOR | 100Ω 1/16W J      |
| C4935    | NCB31CK-104X   | C CAPACITOR | 0.1uF 16V K       | R0119    | NRSA63J-271X   | MG RESISTOR | 270Ω 1/16W J      |
| C4951    | NCB31CK-104X   | C CAPACITOR | 0.1uF 16V K       | R0121    | NRSA63J-101X   | MG RESISTOR | 100Ω 1/16W J      |
| C4952    | NCB31CK-104X   | C CAPACITOR | 0.1uF 16V K       | R0122    | NRSA63J-102X   | MG RESISTOR | 1kΩ 1/16W J       |
| C4953    | NCB31CK-104X   | C CAPACITOR | 0.1uF 16V K       | R0125    | NRSA63J-222X   | MG RESISTOR | 2.2kΩ 1/16W J     |
| C4956    | NCB31CK-104X   | C CAPACITOR | 0.1uF 16V K       | R0126    | NRSA63J-103X   | MG RESISTOR | 10kΩ 1/16W J      |
| C4957    | NCB31CK-104X   | C CAPACITOR | 0.1uF 16V K       | R0127    | NRSA63J-0R0X   | MG RESISTOR | 0Ω 1/16W J        |
| C4958    | NCB31CK-104X   | C CAPACITOR | 0.1uF 16V K       | R0128    | NRSA63J-102X   | MG RESISTOR | 1kΩ 1/16W J       |
| C4959    | NCB31CK-104X   | C CAPACITOR | 0.1uF 16V K       | R0129    | NRSA63J-103X   | MG RESISTOR | 10kΩ 1/16W J      |
| C4961    | NCB31CK-104X   | C CAPACITOR | 0.1uF 16V K       | R0131    | NRSA63J-472X   | MG RESISTOR | 4.7kΩ 1/16W J     |
| C4965    | NCB31CK-104X   | C CAPACITOR | 0.1uF 16V K       | R0132    | NRSA63J-472X   | MG RESISTOR | 4.7kΩ 1/16W J     |
| C4966    | NCB31CK-104X   | C CAPACITOR | 0.1uF 16V K       | R0133    | NRSA63J-0R0X   | MG RESISTOR | 0Ω 1/16W J        |
| C4976    | NCB31CK-104X   | C CAPACITOR | 0.1uF 16V K       | R0134    | NRSA63J-472X   | MG RESISTOR | 4.7kΩ 1/16W J     |
| C4977    | NCB31CK-104X   | C CAPACITOR | 0.1uF 16V K       | R0137    | NRSA63J-151X   | MG RESISTOR | 150Ω 1/16W J      |
| C4979    | NCB31CK-104X   | C CAPACITOR | 0.1uF 16V K       | R0138    | NRSA63J-0R0X   | MG RESISTOR | 0Ω 1/16W J        |
| C4980    | NCB31CK-104X   | C CAPACITOR | 0.1uF 16V K       | R0140    | NRSA63J-182X   | MG RESISTOR | 1.8kΩ 1/16W J     |
| C4981    | NCB31CK-104X   | C CAPACITOR | 0.1uF 16V K       | R0141    | NRSA63J-472X   | MG RESISTOR | 4.7kΩ 1/16W J     |
| C4984    | NCB31CK-104X   | C CAPACITOR | 0.1uF 16V K       | R0205    | NRSA63J-101X   | MG RESISTOR | 100Ω 1/16W J      |
| C4986    | NCB31CK-104X   | C CAPACITOR | 0.1uF 16V K       | R0206    | NRSA63J-331X   | MG RESISTOR | 330Ω 1/16W J      |
| C4987    | NCB31CK-104X   | C CAPACITOR | 0.1uF 16V K       | R0207    | NRSA63J-331X   | MG RESISTOR | 330Ω 1/16W J      |
| C4989    | NCB31CK-104X   | C CAPACITOR | 0.1uF 16V K       | R0208    | NRSA63J-681X   | MG RESISTOR | 680Ω 1/16W J      |
| C4990    | NCB31CK-104X   | C CAPACITOR | 0.1uF 16V K       | R0209    | NRSA63J-221X   | MG RESISTOR | 220Ω 1/16W J      |
| C4992    | NCB31CK-104X   | C CAPACITOR | 0.1uF 16V K       | R0210    | NRSA63J-101X   | MG RESISTOR | 100Ω 1/16W J      |
| C4994    | NCB31CK-104X   | C CAPACITOR | 0.1uF 16V K       | R0211    | NRSA63J-472X   | MG RESISTOR | 4.7kΩ 1/16W J     |
| C6108    | NCB31CK-104X   | C CAPACITOR | 0.1uF 16V K       | R0216    | NRSA63J-101X   | MG RESISTOR | 100Ω 1/16W J      |
| C6114    | NRSA63J-103X   | MG RESISTOR | 10kΩ 1/16W J      | R0219    | NRSA63J-271X   | MG RESISTOR | 270Ω 1/16W J      |
| C6120    | NCB31CK-104X   | C CAPACITOR | 0.1uF 16V K       | R0221    | NRSA63J-101X   | MG RESISTOR | 100Ω 1/16W J      |
| C6124    | NCB31CK-104X   | C CAPACITOR | 0.1uF 16V K       | R0222    | NRSA63J-102X   | MG RESISTOR | 1kΩ 1/16W J       |
| C6512    | NCB31CK-104X   | C CAPACITOR | 0.1uF 16V K       | R0225    | NRSA63J-222X   | MG RESISTOR | 2.2kΩ 1/16W J     |
| C6513    | NCB31CK-104X   | C CAPACITOR | 0.1uF 16V K       | R0226    | NRSA63J-472X   | MG RESISTOR | 4.7kΩ 1/16W J     |
| C6514    | NCB31CK-104X   | C CAPACITOR | 0.1uF 16V K       | R0227    | NRSA63J-181X   | MG RESISTOR | 180Ω 1/16W J      |
| C6515    | NCB31CK-104X   | C CAPACITOR | 0.1uF 16V K       | R0228    | NRSA63J-102X   | MG RESISTOR | 1kΩ 1/16W J       |
| C6516    | NCB31CK-104X   | C CAPACITOR | 0.1uF 16V K       | R0229    | NRSA63J-103X   | MG RESISTOR | 10kΩ 1/16W J      |
| C6523    | NCB11AK-106X   | C CAPACITOR | 10uF 10V K        | R0231    | NRSA63J-472X   | MG RESISTOR | 4.7kΩ 1/16W J     |
| C7001    | NCB31AK-105X   | C CAPACITOR | 1uF 10V K         | R0232    | NRSA63J-472X   | MG RESISTOR | 4.7kΩ 1/16W J     |
| C7002    | NCB31AK-105X   | C CAPACITOR | 1uF 10V K         | R0233    | NRSA63J-0R0X   | MG RESISTOR | 0Ω 1/16W J        |
| C7003    | NCF11CZ-475X   | C CAPACITOR | 4.7uF 16V Z       | R0234    | NRSA63J-472X   | MG RESISTOR | 4.7kΩ 1/16W J     |
| C7006    | NDC31HJ-150X   | C CAPACITOR | 15pF 50V J        | R0237    | NRSA63J-271X   | MG RESISTOR | 270Ω 1/16W J      |
| C7007    | NCB31AK-105X   | C CAPACITOR | 1uF 10V K         | R0238    | NRSA63J-0R0X   | MG RESISTOR | 0Ω 1/16W J        |
| C7012    | NCB31HK-153X   | C CAPACITOR | 0.015uF 50V K     | R0240    | NRSA63J-182X   | MG RESISTOR | 1.8kΩ 1/16W J     |
| C7017    | NDC31HJ-391X   | C CAPACITOR | 390pF 50V J       | R0241    | NRSA63J-472X   | MG RESISTOR | 4.7kΩ 1/16W J     |
| C7018    | NCB31AK-105X   | C CAPACITOR | 1uF 10V K         | R0242    | NRSA63J-472X   | MG RESISTOR | 4.7kΩ 1/16W J     |
| C7025    | NCB31CK-104X   | C CAPACITOR | 0.1uF 16V K       | R0243    | NRSA63J-103X   | MG RESISTOR | 10kΩ 1/16W J      |
| C7026    | NCB31CK-104X   | C CAPACITOR | 0.1uF 16V K       | R0305    | NRSA63J-101X   | MG RESISTOR | 100Ω 1/16W J      |
| C7203    | NCB31CK-104X   | C CAPACITOR | 0.1uF 16V K       | R0306    | NRSA63J-331X   | MG RESISTOR | 330Ω 1/16W J      |
| C7204    | NCB31AK-105X   | C CAPACITOR | 1uF 10V K         | R0307    | NRSA63J-331X   | MG RESISTOR | 330Ω 1/16W J      |
| C7401    | NCB31CK-104X   | C CAPACITOR | 0.1uF 16V K       | R0308    | NRSA63J-681X   | MG RESISTOR | 680Ω 1/16W J      |
| C7402    | NDC31HJ-101X   | C CAPACITOR | 100pF 50V J       | R0309    | NRSA63J-221X   | MG RESISTOR | 220Ω 1/16W J      |
| C7403    | NCB31CK-102X   | C CAPACITOR | 1000pF 16V K      | R0310    | NRSA63J-101X   | MG RESISTOR | 100Ω 1/16W J      |
| C7601    | NDC31HJ-102X   | C CAPACITOR | 1000pF 50V J      | R0311    | NRSA63J-472X   | MG RESISTOR | 4.7kΩ 1/16W J     |
| C7602    | NDC31HJ-221X   | C CAPACITOR | 220pF 50V J       | R0316    | NRSA63J-101X   | MG RESISTOR | 100Ω 1/16W J      |
| C7603    | NCB21AK-225X   | C CAPACITOR | 2.2uF 10V K       | R0319    | NRSA63J-271X   | MG RESISTOR | 270Ω 1/16W J      |
| C7607    | NCB31HK-102X   | C CAPACITOR | 1000pF 50V K      | R0321    | NRSA63J-101X   | MG RESISTOR | 100Ω 1/16W J      |
| C7608    | NCB31HK-221X   | C CAPACITOR | 220pF 50V K       | R0322    | NRSA63J-102X   | MG RESISTOR | 1kΩ 1/16W J       |
| C7609    | NCB21AK-225X   | C CAPACITOR | 2.2uF 10V K       | R0325    | NRSA63J-222X   | MG RESISTOR | 2.2kΩ 1/16W J     |
| C7610    | NCB31HK-681X   | C CAPACITOR | 680pF 50V K       | R0326    | NRSA63J-472X   | MG RESISTOR | 4.7kΩ 1/16W J     |
| C7611    | NCB31HK-681X   | C CAPACITOR | 680pF 50V K       | R0327    | NRSA63J-181X   | MG RESISTOR | 180Ω 1/16W J      |
| C7612    | NRSA63J-0R0X   | MG RESISTOR | 0Ω 1/16W J        | R0328    | NRSA63J-102X   | MG RESISTOR | 1kΩ 1/16W J       |
| C7613    | NRSA63J-0R0X   | MG RESISTOR | 0Ω 1/16W J        | R0329    | NRSA63J-103X   | MG RESISTOR | 10kΩ 1/16W J      |
| C7614    | NCB31CK-104X   | C CAPACITOR | 0.1uF 16V K       | R0331    | NRSA63J-472X   | MG RESISTOR | 4.7kΩ 1/16W J     |
| C7615    | NCB31CK-104X   | C CAPACITOR | 0.1uF 16V K       | R0332    | NRSA63J-472X   | MG RESISTOR | 4.7kΩ 1/16W J     |
| C7616    | NCB11CK-105X   | C CAPACITOR | 1uF 16V K         | R0333    | NRSA63J-0R0X   | MG RESISTOR | 0Ω 1/16W J        |
| C7617    | NCB31CK-104X   | C CAPACITOR | 0.1uF 16V K       | R0334    | NRSA63J-472X   | MG RESISTOR | 4.7kΩ 1/16W J     |
| C7618    | NCB11AK-106X   | C CAPACITOR | 10uF 10V K        | R0337    | NRSA63J-271X   | MG RESISTOR | 270Ω 1/16W J      |
| C7619    | NCF11CZ-475X   | C CAPACITOR | 4.7uF 16V Z       | R0338    | NRSA63J-0R0X   | MG RESISTOR | 0Ω 1/16W J        |
| C7621    | NCB11AK-106X   | C CAPACITOR | 10uF 10V K        | R0340    | NRSA63J-182X   | MG RESISTOR | 1.8kΩ 1/16W J     |
| C7622    | NCF11CZ-475X   | C CAPACITOR | 4.7uF 16V Z       | R0341    | NRSA63J-472X   | MG RESISTOR | 4.7kΩ 1/16W J     |
| C9001    | NEHM1CM-476X   | E CAPACITOR | 47uF 16V M        | R0342    | NRSA63J-472X   | MG RESISTOR | 4.7kΩ 1/16W J     |
| C9002    | NEHM1CM-476X   | E CAPACITOR | 47uF 16V M        | R0343    | NRSA63J-103X   | MG RESISTOR | 10kΩ 1/16W J      |
| C9003    | NEHM1CM-476X   | E CAPACITOR | 47uF 16V M        | R0344    | NRSA63J-472X   | MG RESISTOR | 4.7kΩ 1/16W J     |
| C9004    | NCB31HK-102X   | C CAPACITOR | 1000pF 50V K      | R0345    | NRSA63J-472X   | MG RESISTOR | 4.7kΩ 1/16W J     |
| C9005    | NCB31HK-102X   | C CAPACITOR | 1000pF 50V K      | R0528    | NRSA63J-0R0X   | MG RESISTOR | 0Ω 1/16W J        |
| C9006    | NEHL1HM-106X   | E CAPACITOR | 10uF 50V M        | R1001    | NRSA63J-274X   | MG RESISTOR | 270kΩ 1/16W J     |
| C9202    | NCJ41EK-106X-U | C CAPACITOR | 10mF 25V K        | R1002    | NRSA63D-101X   | MG RESISTOR | 100Ω 1/16W D      |
| C9204    | NCB31HK-103X   | C CAPACITOR | 0.01uF 50V K      | R1004    | NRSA63J-221X   | MG RESISTOR | 220Ω 1/16W J      |

| △Ref No. | Part No.     | Part Name   | Description Local | △Ref No. | Part No.     | Part Name   | Description Local |
|----------|--------------|-------------|-------------------|----------|--------------|-------------|-------------------|
| R1005    | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J      | R3033    | NRSA63J-5R6X | MG RESISTOR | 5.6Ω 1/16W J      |
| R1006    | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J      | R3034    | NRSA63J-5R6X | MG RESISTOR | 5.6Ω 1/16W J      |
| R1007    | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J      | R3036    | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J       |
| R1010    | NRSA63J-561X | MG RESISTOR | 560Ω 1/16W J      | R3037    | NRSA63J-220X | MG RESISTOR | 22Ω 1/16W J       |
| R1011    | NRSA63J-183X | MG RESISTOR | 18kΩ 1/16W J      | R3038    | NRSA63J-472X | MG RESISTOR | 4.7kΩ 1/16W J     |
| R1012    | NRSA63J-152X | MG RESISTOR | 1.5kΩ 1/16W J     | R3040    | NRSA63J-201X | MG RESISTOR | 200Ω 1/16W J      |
| R1013    | NRSA63J-122X | MG RESISTOR | 1.2kΩ 1/16W J     | R3041    | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J       |
| R1014    | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J      | R3042    | NRSA63J-201X | MG RESISTOR | 200Ω 1/16W J      |
| R1017    | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J      | R3043    | NRSA63J-562X | MG RESISTOR | 5.6kΩ 1/16W J     |
| R1018    | NRSA63J-332X | MG RESISTOR | 3.3kΩ 1/16W J     | R3044    | NRSA63J-821X | MG RESISTOR | 820Ω 1/16W J      |
| R1019    | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J        | R3047    | NRSA63J-562X | MG RESISTOR | 5.6kΩ 1/16W J     |
| R1021    | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J      | R3048    | NRSA63J-821X | MG RESISTOR | 820Ω 1/16W J      |
| R1022    | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J      | R3053    | NRSA63J-272X | MG RESISTOR | 2.7kΩ 1/16W J     |
| R1025    | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J      | R3054    | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J        |
| R1026    | NRSA63J-273X | MG RESISTOR | 27kΩ 1/16W J      | R3056    | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J        |
| R1028    | NRSA63J-273X | MG RESISTOR | 27kΩ 1/16W J      | R3063    | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J      |
| R1030    | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J      | R3064    | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J      |
| R1101    | NRSA63J-182X | MG RESISTOR | 1.8kΩ 1/16W J     | R3065    | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J      |
| R1102    | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J      | R3066    | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J      |
| R1104    | NRSA63J-332X | MG RESISTOR | 3.3kΩ 1/16W J     | R3069    | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J        |
| R1105    | NRSA63J-561X | MG RESISTOR | 560Ω 1/16W J      | R3070    | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J        |
| R1106    | NRSA63J-561X | MG RESISTOR | 560Ω 1/16W J      | R3071    | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J        |
| R1107    | NRSA63J-331X | MG RESISTOR | 330Ω 1/16W J      | R3072    | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J        |
| R1108    | NRSA63J-681X | MG RESISTOR | 680Ω 1/16W J      | R3089    | NRSA63J-220X | MG RESISTOR | 22Ω 1/16W J       |
| R1113    | NRSA63J-330X | MG RESISTOR | 33Ω 1/16W J       | R3090    | NRSA63J-220X | MG RESISTOR | 22Ω 1/16W J       |
| R1114    | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J        | R3091    | NRSA63J-220X | MG RESISTOR | 22Ω 1/16W J       |
| R1115    | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J        | R3092    | NRSA63J-220X | MG RESISTOR | 22Ω 1/16W J       |
| R1201    | NRSA63J-182X | MG RESISTOR | 1.8kΩ 1/16W J     | R3093    | NRSA63J-220X | MG RESISTOR | 22Ω 1/16W J       |
| R1203    | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J      | R3094    | NRSA63J-510X | MG RESISTOR | 51Ω 1/16W J       |
| R1204    | NRSA63J-332X | MG RESISTOR | 3.3kΩ 1/16W J     | R3095    | NRSA63J-510X | MG RESISTOR | 51Ω 1/16W J       |
| R1205    | NRSA63J-561X | MG RESISTOR | 560Ω 1/16W J      | R3096    | NRSA63J-510X | MG RESISTOR | 51Ω 1/16W J       |
| R1206    | NRSA63J-471X | MG RESISTOR | 470Ω 1/16W J      | R3097    | NRSA63J-510X | MG RESISTOR | 51Ω 1/16W J       |
| R1207    | NRSA63J-331X | MG RESISTOR | 330Ω 1/16W J      | R3098    | NRSA63J-510X | MG RESISTOR | 51Ω 1/16W J       |
| R1213    | NRSA63J-330X | MG RESISTOR | 33Ω 1/16W J       | R3099    | NRSA63J-510X | MG RESISTOR | 51Ω 1/16W J       |
| R1301    | NRSA63J-182X | MG RESISTOR | 1.8kΩ 1/16W J     | R3100    | NRSA63J-510X | MG RESISTOR | 51Ω 1/16W J       |
| R1303    | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J      | R3101    | NRSA63J-510X | MG RESISTOR | 51Ω 1/16W J       |
| R1304    | NRSA63J-332X | MG RESISTOR | 3.3kΩ 1/16W J     | R3102    | NRSA63J-510X | MG RESISTOR | 51Ω 1/16W J       |
| R1305    | NRSA63J-561X | MG RESISTOR | 560Ω 1/16W J      | R3103    | NRSA63J-510X | MG RESISTOR | 51Ω 1/16W J       |
| R1306    | NRSA63J-471X | MG RESISTOR | 470Ω 1/16W J      | R3104    | NRSA63J-510X | MG RESISTOR | 51Ω 1/16W J       |
| R1307    | NRSA63J-561X | MG RESISTOR | 560Ω 1/16W J      | R3105    | NRSA63J-510X | MG RESISTOR | 51Ω 1/16W J       |
| R1313    | NRSA63J-330X | MG RESISTOR | 33Ω 1/16W J       | R3106    | NRS144J-0R0X | MG RESISTOR | 0Ω 1/4W J         |
| R1401    | NRSA63J-182X | MG RESISTOR | 1.8kΩ 1/16W J     | R3107    | NRS144J-0R0X | MG RESISTOR | 0Ω 1/4W J         |
| R1403    | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J      | R3112    | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J        |
| R1404    | NRSA63J-332X | MG RESISTOR | 3.3kΩ 1/16W J     | R3114    | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J        |
| R1405    | NRSA63J-561X | MG RESISTOR | 560Ω 1/16W J      | R3116    | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J        |
| R1406    | NRSA63J-471X | MG RESISTOR | 470Ω 1/16W J      | R3118    | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J        |
| R1407    | NRSA63J-561X | MG RESISTOR | 560Ω 1/16W J      | R3120    | NRSA63J-220X | MG RESISTOR | 22Ω 1/16W J       |
| R1413    | NRSA63J-330X | MG RESISTOR | 33Ω 1/16W J       | R3122    | NRSA63J-680X | MG RESISTOR | 68Ω 1/16W J       |
| R1523    | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K       | R3125    | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J        |
| R1524    | NRSA63J-474X | MG RESISTOR | 470kΩ 1/16W J     | R3126    | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J        |
| R1525    | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J        | R3128    | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J        |
| R1584    | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J        | R3151    | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J        |
| R2028    | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J        | R3152    | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J        |
| R2056    | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J        | R3153    | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J        |
| R2057    | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J        | R3154    | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J        |
| R2101    | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J        | R3155    | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J        |
| R2102    | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J        | R3156    | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J        |
| R2103    | NRSA63J-220X | MG RESISTOR | 22Ω 1/16W J       | R3157    | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J        |
| R2104    | NRSA63J-220X | MG RESISTOR | 22Ω 1/16W J       | R3158    | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J        |
| R2105    | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J      | R3159    | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J        |
| R2121    | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J        | R3160    | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J        |
| R2122    | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J        | R3161    | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J        |
| R2123    | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J        | R3162    | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J        |
| R2125    | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J        | R3163    | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J        |
| R2128    | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J        | R3164    | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J        |
| R2151    | NRSA02J-0R0X | MG RESISTOR | 0Ω 1/10W J        | R3165    | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J        |
| R2153    | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J        | R3166    | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J        |
| R2154    | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J        | R3167    | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J        |
| R2155    | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J        | R3168    | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J        |
| R3001    | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J      | R3169    | NRSA02J-0R0X | MG RESISTOR | 0Ω 1/10W J        |
| R3004    | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J      | R3170    | NRS144J-0R0X | MG RESISTOR | 0Ω 1/4W J         |
| R3006    | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J        | R3171    | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J        |
| R3007    | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J        | R3172    | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J        |
| R3008    | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J        | R3173    | NRSA02J-0R0X | MG RESISTOR | 0Ω 1/10W J        |
| R3009    | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J        | R3174    | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J        |
| R3018    | NRSA02J-3R3X | MG RESISTOR | 3.3Ω 1/10W J      | R3176    | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J        |
| R3019    | NRSA02J-3R3X | MG RESISTOR | 3.3Ω 1/10W J      | R3177    | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J        |
| R3020    | NRSA02J-3R3X | MG RESISTOR | 3.3Ω 1/10W J      | R3178    | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J        |
| R3021    | NRSA63D-102X | MG RESISTOR | 1kΩ 1/16W D       | R3179    | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J        |
| R3022    | NRSA63D-332X | MG RESISTOR | 3.3kΩ 1/16W D     | R3180    | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J        |
| R3023    | NRSA63D-332X | MG RESISTOR | 3.3kΩ 1/16W D     | R3181    | NRS144J-0R0X | MG RESISTOR | 0Ω 1/4W J         |
| R3024    | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J       | R3182    | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J        |
| R3028    | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J       | R3183    | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J        |
| R3029    | NRSA63D-392X | MG RESISTOR | 3.9kΩ 1/16W D     | R3184    | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J        |
| R3030    | NRSA63D-102X | MG RESISTOR | 1kΩ 1/16W D       | R3185    | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J        |
| R3031    | NRSA63D-151X | MG RESISTOR | 150Ω 1/16W D      | R3186    | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J        |
| R3032    | NRSA63J-5R6X | MG RESISTOR | 5.6Ω 1/16W J      | R3187    | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J        |

3-56(No.YA247)

| △Ref No. | Part No.     | Part Name    | Description Local | △Ref No. | Part No.      | Part Name     | Description Local |
|----------|--------------|--------------|-------------------|----------|---------------|---------------|-------------------|
| R7136    | NRSA63J-0R0X | MG RESISTOR  | 0Ω 1/16W J        | RA3512   | NRZ0080-510X  | NET RESISTOR  | 51Ω 1/16W J       |
| R7137    | NRSA63J-0R0X | MG RESISTOR  | 0Ω 1/16W J        | RA3516   | NRZ0040-510X  | NET RESISTOR  | 51Ω 1/16W J x4    |
| R7140    | NRSA63J-473X | MG RESISTOR  | 47kΩ 1/16W J      | RA3518   | NRZ0040-510X  | NET RESISTOR  | 51Ω 1/16W J x4    |
| R7148    | NRSA63J-101X | MG RESISTOR  | 100Ω 1/16W J      | RA3521   | NRZ0080-510X  | NET RESISTOR  | 51Ω 1/16W J       |
| R7149    | NRSA63J-103X | MG RESISTOR  | 10kΩ 1/16W J      | RA3523   | NRZ0040-510X  | NET RESISTOR  | 51Ω 1/16W J x4    |
| R7150    | NRSA63J-103X | MG RESISTOR  | 10kΩ 1/16W J      | RA3526   | NRZ0080-510X  | NET RESISTOR  | 51Ω 1/16W J       |
| R7151    | NCB31HK-102X | C CAPACITOR  | 1000pF 50V K      | RA3530   | NRZ0040-510X  | NET RESISTOR  | 51Ω 1/16W J x4    |
| R7152    | NCB31HK-102X | C CAPACITOR  | 1000pF 50V K      | RA3531   | NRZ0080-510X  | NET RESISTOR  | 51Ω 1/16W J       |
| R7153    | NRSA63J-101X | MG RESISTOR  | 100Ω 1/16W J      | RA3536   | NRZ0080-510X  | NET RESISTOR  | 51Ω 1/16W J       |
| R7159    | NRSA63J-0R0X | MG RESISTOR  | 0Ω 1/16W J        | RA3540   | NRZ0040-510X  | NET RESISTOR  | 51Ω 1/16W J x4    |
| R7160    | NRSA63J-101X | MG RESISTOR  | 100Ω 1/16W J      | RA3542   | NRZ0040-510X  | NET RESISTOR  | 51Ω 1/16W J x4    |
| R7161    | NRSA63J-103X | MG RESISTOR  | 10kΩ 1/16W J      | RA3545   | NRZ0080-510X  | NET RESISTOR  | 51Ω 1/16W J       |
| R7162    | NRSA63J-0R0X | MG RESISTOR  | 0Ω 1/16W J        | RA3547   | NRZ0040-510X  | NET RESISTOR  | 51Ω 1/16W J x4    |
| R7163    | NRSA63J-0R0X | MG RESISTOR  | 0Ω 1/16W J        | RA4007   | NRZ0034-0R0W  | NET RESISTOR  | 0Ω 1/32W J x4     |
| R7214    | NRSA63J-103X | MG RESISTOR  | 10kΩ 1/16W J      | RA4008   | NRZ0034-0R0W  | NET RESISTOR  | 0Ω 1/32W J x4     |
| R7215    | NRSA63J-104X | MG RESISTOR  | 100kΩ 1/16W J     | RA4009   | NRZ0034-0R0W  | NET RESISTOR  | 0Ω 1/32W J x4     |
| R7216    | NRSA63J-0R0X | MG RESISTOR  | 0Ω 1/16W J        | RA4010   | NRZ0034-0R0W  | NET RESISTOR  | 0Ω 1/32W J x4     |
| R7224    | NRSA63J-473X | MG RESISTOR  | 47kΩ 1/16W J      | RA4011   | NRZ0034-0R0W  | NET RESISTOR  | 0Ω 1/32W J x4     |
| R7225    | NRSA63J-0R0X | MG RESISTOR  | 0Ω 1/16W J        | RA4012   | NRZ0034-0R0W  | NET RESISTOR  | 0Ω 1/32W J x4     |
| R7401    | NRSA63J-101X | MG RESISTOR  | 100Ω 1/16W J      | RA6001   | NRZ0034-0R0W  | NET RESISTOR  | 0Ω 1/32W J x4     |
| R7404    | NRSA63J-0R0X | MG RESISTOR  | 0Ω 1/16W J        | RA7001   | NRZ0040-101X  | NET RESISTOR  | 100Ω 1/16W J x4   |
| R7601    | NRSA63J-102X | MG RESISTOR  | 1kΩ 1/16W J       | RA7601   | NRZ0034-0R0W  | NET RESISTOR  | 0Ω 1/32W J x4     |
| R7602    | NRSA63J-103X | MG RESISTOR  | 10kΩ 1/16W J      | RA7602   | NRZ0034-0R0W  | NET RESISTOR  | 0Ω 1/32W J x4     |
| R7603    | NRSA63J-103X | MG RESISTOR  | 10kΩ 1/16W J      | RA7603   | NRZ0034-0R0W  | NET RESISTOR  | 0Ω 1/32W J x4     |
| R7604    | NRSA63J-0R0X | MG RESISTOR  | 0Ω 1/16W J        | RA7604   | NRZ0034-0R0W  | NET RESISTOR  | 0Ω 1/32W J x4     |
| R7605    | NRSA63J-0R0X | MG RESISTOR  | 0Ω 1/16W J        | RA7605   | NRZ0034-0R0W  | NET RESISTOR  | 0Ω 1/32W J x4     |
| R7606    | NRSA63J-0R0X | MG RESISTOR  | 0Ω 1/16W J        | RB7605   | NRSA63J-0R0X  | MG RESISTOR   | 0Ω 1/16W J        |
| R7607    | NCB31AK-224X | C CAPACITOR  | 0.22uF 10V K      | RB7614   | NRSA63J-0R0X  | MG RESISTOR   | 0Ω 1/16W J        |
| R7608    | NRSA63J-222X | MG RESISTOR  | 2.2kΩ 1/16W J     | RB7615   | NRSA63J-0R0X  | MG RESISTOR   | 0Ω 1/16W J        |
| R7609    | NRSA63J-272X | MG RESISTOR  | 2.7kΩ 1/16W J     |          |               |               |                   |
| R7610    | NRSA63J-0R0X | MG RESISTOR  | 0Ω 1/16W J        | L0101    | NQL092K-R68X  | COIL          | 0.68uH K          |
| R7611    | NRSA63J-0R0X | MG RESISTOR  | 0Ω 1/16W J        | L0104    | NRSA02J-0R0X  | MG RESISTOR   | 0Ω 1/10W J        |
| R7612    | NCB31AK-224X | C CAPACITOR  | 0.22uF 10V K      | L0201    | NQL092K-R68X  | COIL          | 0.68uH K          |
| R7613    | NRSA63J-472X | MG RESISTOR  | 4.7kΩ 1/16W J     | L0204    | NRSA02J-0R0X  | MG RESISTOR   | 0Ω 1/10W J        |
| R7614    | NRSA63J-562X | MG RESISTOR  | 5.6kΩ 1/16W J     | L0301    | NQL092K-R68X  | COIL          | 0.68uH K          |
| R7615    | NRSA63J-0R0X | MG RESISTOR  | 0Ω 1/16W J        | L0304    | NRSA02J-0R0X  | MG RESISTOR   | 0Ω 1/10W J        |
| R7656    | NRSA63J-0R0X | MG RESISTOR  | 0Ω 1/16W J        | L0401    | NRSA02J-0R0X  | MG RESISTOR   | 0Ω 1/10W J        |
| R7657    | NRSA63J-0R0X | MG RESISTOR  | 0Ω 1/16W J        | L1001    | NQR0489-002X  | FERRITE BEADS |                   |
| R7658    | NRSA63J-102X | MG RESISTOR  | 1kΩ 1/16W J       | L1002    | NQR0489-002X  | FERRITE BEADS |                   |
| R7659    | NRSA63J-682X | MG RESISTOR  | 6.8kΩ 1/16W J     | L1003    | NQL092K-1R5X  | CHIP P COIL   | 1.5uH K           |
| R7660    | NRSA63J-105X | MG RESISTOR  | 1MΩ 1/16W J       | L1004    | NQR0489-002X  | FERRITE BEADS |                   |
| R7661    | NRSA63J-471X | MG RESISTOR  | 470Ω 1/16W J      | L1005    | NQR0489-002X  | FERRITE BEADS |                   |
| R7664    | NRSA63J-102X | MG RESISTOR  | 1kΩ 1/16W J       | L1006    | NQR0489-002X  | FERRITE BEADS |                   |
| R7666    | NRSA63J-0R0X | MG RESISTOR  | 0Ω 1/16W J        | L1008    | NQL79GM-220X  | COIL          | 22uH M            |
| R7680    | NRSA63J-0R0X | MG RESISTOR  | 0Ω 1/16W J        | L1010    | NRSA02J-0R0X  | MG RESISTOR   | 0Ω 1/10W J        |
| R7681    | NRSA63J-0R0X | MG RESISTOR  | 0Ω 1/16W J        | L1011    | NQL79GM-470X  | COIL          | 47uH M            |
| R7685    | NRSA63J-471X | MG RESISTOR  | 470Ω 1/16W J      | L1101    | NQL092K-6R8X  | COIL          | 6.8uH K           |
| R7686    | NRSA63J-105X | MG RESISTOR  | 1MΩ 1/16W J       | L1102    | NQR0489-002X  | FERRITE BEADS |                   |
| R7688    | NRSA63J-0R0X | MG RESISTOR  | 0Ω 1/16W J        | L1103    | NQL092K-1R0X  | COIL          | 1uH K             |
| R7689    | NRSA63J-0R0X | MG RESISTOR  | 0Ω 1/16W J        | L1104    | NQL093K-R10X  | COIL          | 0.1uH K           |
| R7690    | NRSA63J-0R0X | MG RESISTOR  | 0Ω 1/16W J        | L1201    | NQL092K-6R8X  | COIL          | 6.8uH K           |
| R7691    | NRSA63J-333X | MG RESISTOR  | 33kΩ 1/16W J      | L1203    | NQL092K-1R0X  | COIL          | 1uH K             |
| R9201    | NRSA63J-473X | MG RESISTOR  | 47kΩ 1/16W J      | L1301    | NQL092K-3R3X  | COIL          | 3.3uH K           |
| R9202    | NRSA02J-0R0X | MG RESISTOR  | 0Ω 1/10W J        | L1303    | NQL092K-1R0X  | COIL          | 1uH K             |
| R9204    | NRSA63D-272X | MG RESISTOR  | 2.7kΩ 1/16W D     | L1304    | NQL093K-R10X  | COIL          | 0.1uH K           |
| R9205    | NRSA63D-103X | MG RESISTOR  | 10kΩ 1/16W D      | L1401    | NQL092K-3R3X  | COIL          | 3.3uH K           |
| R9206    | NRSA63J-472X | MG RESISTOR  | 4.7kΩ 1/16W J     | L1403    | NQL092K-1R0X  | COIL          | 1uH K             |
| R9207    | NRSA02J-0R0X | MG RESISTOR  | 0Ω 1/10W J        | L1404    | NQL093K-R10X  | COIL          | 0.1uH K           |
| R9208    | NRSA63J-105X | MG RESISTOR  | 1MΩ 1/16W J       | L1501    | NQL092K-4R7X  | COIL          | 4.7uH K           |
| R9209    | NRSA63J-680X | MG RESISTOR  | 68Ω 1/16W J       | L2101    | NRSA02J-0R0X  | MG RESISTOR   | 0Ω 1/10W J        |
| R9210    | NRSA63J-0R0X | MG RESISTOR  | 0Ω 1/16W J        | L3001    | NQR0489-002X  | FERRITE BEADS |                   |
| RA1001   | NRZ0080-510X | NET RESISTOR | 51Ω 1/16W J       | L3005    | NQR0413-003X  | FERRITE BEADS |                   |
| RA1002   | NRZ0080-510X | NET RESISTOR | 51Ω 1/16W J       | L3006    | NQR0413-003X  | FERRITE BEADS |                   |
| RA1003   | NRZ0040-101X | NET RESISTOR | 100Ω 1/16W J x4   | L3008    | NQR0413-003X  | FERRITE BEADS |                   |
| RA2012   | NRZ0080-101X | NET RESISTOR | 100Ω 1/16W J      | L3009    | NQR0413-003X  | FERRITE BEADS |                   |
| RA2013   | NRZ0080-101X | NET RESISTOR | 100Ω 1/16W J      | L3010    | NQR0413-003X  | FERRITE BEADS |                   |
| RA2015   | NRZ0080-0R0X | NET RESISTOR | 0Ω 1/16W J        | L3011    | NRSA02J-0R0X  | MG RESISTOR   | 0Ω 1/10W J        |
| RA2016   | NRZ0080-0R0X | NET RESISTOR | 0Ω 1/16W J        | L3012    | NQR0413-003X  | FERRITE BEADS |                   |
| RA3002   | NRZ0034-103W | NET RESISTOR | 10kΩ 1/32W J x4   | L3501    | NQR0413-003X  | FERRITE BEADS |                   |
| RA3004   | NRZ0034-103W | NET RESISTOR | 10kΩ 1/32W J x4   | L4001    | NQR0413-003X  | FERRITE BEADS |                   |
| RA3013   | NRZ0034-220W | NET RESISTOR | 22Ω 1/32W J x4    | L4002    | NQR0413-003X  | FERRITE BEADS |                   |
| RA3014   | NRZ0034-220W | NET RESISTOR | 22Ω 1/32W J x4    | L4003    | NQR0413-003X  | FERRITE BEADS |                   |
| RA3015   | NRZ0034-220W | NET RESISTOR | 22Ω 1/32W J x4    | L6501    | NQR0351-001X  | FERRITE BEADS |                   |
| RA3016   | NRZ0034-220W | NET RESISTOR | 22Ω 1/32W J x4    | L6508    | NQR0504-001X  | EMI FILTER    |                   |
| RA3018   | NRZ0080-510X | NET RESISTOR | 51Ω 1/16W J       | L6509    | NQR0504-001X  | EMI FILTER    |                   |
| RA3020   | NRZ0080-510X | NET RESISTOR | 51Ω 1/16W J       | L6510    | NQR0504-001X  | EMI FILTER    |                   |
| RA3022   | NRZ0080-510X | NET RESISTOR | 51Ω 1/16W J       | L7001    | NRSA63J-0R0X  | MG RESISTOR   | 0Ω 1/16W J        |
| RA3023   | NRZ0040-510X | NET RESISTOR | 51Ω 1/16W J x4    | L7002    | NRSA63J-0R0X  | MG RESISTOR   | 0Ω 1/16W J        |
| RA3024   | NRZ0040-510X | NET RESISTOR | 51Ω 1/16W J x4    | L7003    | NRSA63J-0R0X  | MG RESISTOR   | 0Ω 1/16W J        |
| RA3025   | NRZ0040-510X | NET RESISTOR | 51Ω 1/16W J x4    | L7004    | NRSA63J-0R0X  | MG RESISTOR   | 0Ω 1/16W J        |
| RA3026   | NRZ0040-510X | NET RESISTOR | 51Ω 1/16W J x4    | L7005    | NRSA63J-0R0X  | MG RESISTOR   | 0Ω 1/16W J        |
| RA3028   | NRZ0080-510X | NET RESISTOR | 51Ω 1/16W J       | L7006    | NRSA63J-0R0X  | MG RESISTOR   | 0Ω 1/16W J        |
| RA3030   | NRZ0080-510X | NET RESISTOR | 51Ω 1/16W J       | L9001    | NRSA02J-0R0X  | MG RESISTOR   | 0Ω 1/10W J        |
| RA3032   | NRZ0080-510X | NET RESISTOR | 51Ω 1/16W J       | L9201    | NQL71EM-150X  | COIL          | 15uH M            |
| RA3502   | NRZ0080-510X | NET RESISTOR | 51Ω 1/16W J       |          |               |               |                   |
| RA3506   | NRZ0040-510X | NET RESISTOR | 51Ω 1/16W J x4    | CN001    | QGF0508F1-50X | CONNECTOR     | FFC/FPC (1-50)    |
| RA3508   | NRZ0080-510X | NET RESISTOR | 51Ω 1/16W J       | CN002    | QGF0508F1-30X | CONNECTOR     | FFC/FPC (1-30)    |

| △Ref No. | Part No.      | Part Name      | Description       | Local | △Ref No. | Part No.     | Part Name   | Description       | Local |
|----------|---------------|----------------|-------------------|-------|----------|--------------|-------------|-------------------|-------|
| CN005    | QGB0603L1-B0  | CONNECTOR      | B-B (1-110)       |       | LC7002   | NQR0470-001X | EMI FILTER  | 22pF 50V +50%-20% |       |
| CN0FC    | QGF0508F1-30X | CONNECTOR      | FFC/FPC (1-30)    |       | LC7003   | NQR0470-001X | EMI FILTER  | 22pF 50V +50%-20% |       |
| J001     | NNZ0117-001   | HDMI CONNECTOR | DIGITAL IN        |       | LC7004   | NQR0470-001X | EMI FILTER  | 22pF 50V +50%-20% |       |
| J7001    | QNS0001-001   | 3.5 JACK       | AV COMPULINK III  |       | LC7007   | NQR0479-001X | EMI FILTER  |                   |       |
| K1001    | NRSA02J-0R0X  | MG RESISTOR    | 0Ω 1/10W J        |       | SL7001   | NAX0613-001X | C RESONATOR |                   |       |
| K1002    | NRSA02J-0R0X  | MG RESISTOR    | 0Ω 1/10W J        |       | X1001    | NAX0660-001X | CRYSTAL     |                   |       |
| K1003    | NRSA02J-0R0X  | MG RESISTOR    | 0Ω 1/10W J        |       | X3001    | NAX0635-001X | CXO         |                   |       |
| K1004    | NRSA02J-0R0X  | MG RESISTOR    | 0Ω 1/10W J        |       | X3003    | NAX0668-001X | CXO         |                   |       |
| K1005    | NRSA02J-0R0X  | MG RESISTOR    | 0Ω 1/10W J        |       | X4001    | NAX0669-001X | CRYSTAL     |                   |       |
| K2104    | NRSA02J-0R0X  | MG RESISTOR    | 0Ω 1/10W J        |       | X7601    | NAX0613-001X | C RESONATOR |                   |       |
| K2106    | NQR0489-002X  | FERRITE BEADS  |                   |       |          |              |             |                   |       |
| K2107    | NRSA02J-0R0X  | MG RESISTOR    | 0Ω 1/10W J        |       |          |              |             |                   |       |
| K2108    | NRSA02J-0R0X  | MG RESISTOR    | 0Ω 1/10W J        |       |          |              |             |                   |       |
| K3003    | NRSA63J-0R0X  | MG RESISTOR    | 0Ω 1/16W J        |       |          |              |             |                   |       |
| K3006    | NRSA63J-0R0X  | MG RESISTOR    | 0Ω 1/16W J        |       |          |              |             |                   |       |
| K3009    | NRSA02J-0R0X  | MG RESISTOR    | 0Ω 1/10W J        |       |          |              |             |                   |       |
| K3010    | NRSA02J-0R0X  | MG RESISTOR    | 0Ω 1/10W J        |       |          |              |             |                   |       |
| K6006    | NQR0199-001X  | FERRITE BEADS  |                   |       |          |              |             |                   |       |
| K6007    | NQR0199-001X  | FERRITE BEADS  |                   |       |          |              |             |                   |       |
| K6008    | NQR0199-001X  | FERRITE BEADS  |                   |       |          |              |             |                   |       |
| K6009    | NQR0199-001X  | FERRITE BEADS  |                   |       |          |              |             |                   |       |
| K6010    | NQR0199-001X  | FERRITE BEADS  |                   |       |          |              |             |                   |       |
| K6019    | NQR0199-001X  | FERRITE BEADS  |                   |       |          |              |             |                   |       |
| K7002    | NRSA02J-0R0X  | MG RESISTOR    | 0Ω 1/10W J        |       |          |              |             |                   |       |
| K9001    | NQR0413-003X  | FERRITE BEADS  |                   |       |          |              |             |                   |       |
| K9002    | NQR0413-003X  | FERRITE BEADS  |                   |       |          |              |             |                   |       |
| LC0102   | NQR0483-005X  | EMI FILTER     | 100uF 25V Z       |       |          |              |             |                   |       |
| LC0501   | NQR0416-002X  | EMI FILTER     | 84pF 16V M        |       |          |              |             |                   |       |
| LC0502   | NQR0416-002X  | EMI FILTER     | 84pF 16V M        |       |          |              |             |                   |       |
| LC0504   | NQR0416-002X  | EMI FILTER     | 84pF 16V M        |       |          |              |             |                   |       |
| LC0506   | NQR0416-002X  | EMI FILTER     | 84pF 16V M        |       |          |              |             |                   |       |
| LC0507   | NQR0416-002X  | EMI FILTER     | 84pF 16V M        |       |          |              |             |                   |       |
| LC0508   | NQR0416-002X  | EMI FILTER     | 84pF 16V M        |       |          |              |             |                   |       |
| LC0510   | NQR0498-001X  | EMI FILTER     |                   |       |          |              |             |                   |       |
| LC0511   | NQR0498-001X  | EMI FILTER     |                   |       |          |              |             |                   |       |
| LC0512   | NQR0498-001X  | EMI FILTER     |                   |       |          |              |             |                   |       |
| LC0513   | NQR0498-001X  | EMI FILTER     |                   |       |          |              |             |                   |       |
| LC0514   | NQR0416-002X  | EMI FILTER     | 84pF 16V M        |       |          |              |             |                   |       |
| LC0515   | NQR0416-002X  | EMI FILTER     | 84pF 16V M        |       |          |              |             |                   |       |
| LC0516   | NQR0416-001X  | EMI FILTER     | 240pF 16V M       |       |          |              |             |                   |       |
| LC0517   | NQR0416-001X  | EMI FILTER     | 240pF 16V M       |       |          |              |             |                   |       |
| LC0518   | NQR0416-001X  | EMI FILTER     | 240pF 16V M       |       |          |              |             |                   |       |
| LC0519   | NQR0416-001X  | EMI FILTER     | 240pF 16V M       |       |          |              |             |                   |       |
| LC0520   | NQR0483-005X  | EMI FILTER     | 100uF 25V Z       |       |          |              |             |                   |       |
| LC0522   | NQR0483-005X  | EMI FILTER     | 100uF 25V Z       |       |          |              |             |                   |       |
| LC0523   | NQR0483-005X  | EMI FILTER     | 100uF 25V Z       |       |          |              |             |                   |       |
| LC0525   | NQR0483-005X  | EMI FILTER     | 100uF 25V Z       |       |          |              |             |                   |       |
| LC0526   | NQR0483-005X  | EMI FILTER     | 100uF 25V Z       |       |          |              |             |                   |       |
| LC0527   | NQR0483-005X  | EMI FILTER     | 100uF 25V Z       |       |          |              |             |                   |       |
| LC7001   | NQR0470-001X  | EMI FILTER     | 22pF 50V +50%-20% |       |          |              |             |                   |       |

**REAR JACK P.W. BOARD ASS'Y (SRP0J021A-M2)**

REFER TO PARTS LIST IN PAGE 3-30 FOR THIS P.W. BOARD.

**SIDE CONTROL P.W. BOARD ASS'Y (SRP0L021A-M2)**

REFER TO PARTS LIST IN PAGE 3-31 FOR THIS P.W. BOARD.

**FRONT LED P.W. BOARD ASS'Y (SRP0L121A-M2)**

REFER TO PARTS LIST IN PAGE 3-31 FOR THIS P.W. BOARD.

**LAMP COVER SW P.W. BOARD ASS'Y (SRP0L205A-M2)**

REFER TO PARTS LIST IN PAGE 3-31 FOR THIS P.W. BOARD.

**RECEIVER P.W. BOARD ASS'Y (SRP0R021A-M2)**

REFER TO PARTS LIST IN PAGE 3-31 FOR THIS P.W. BOARD.

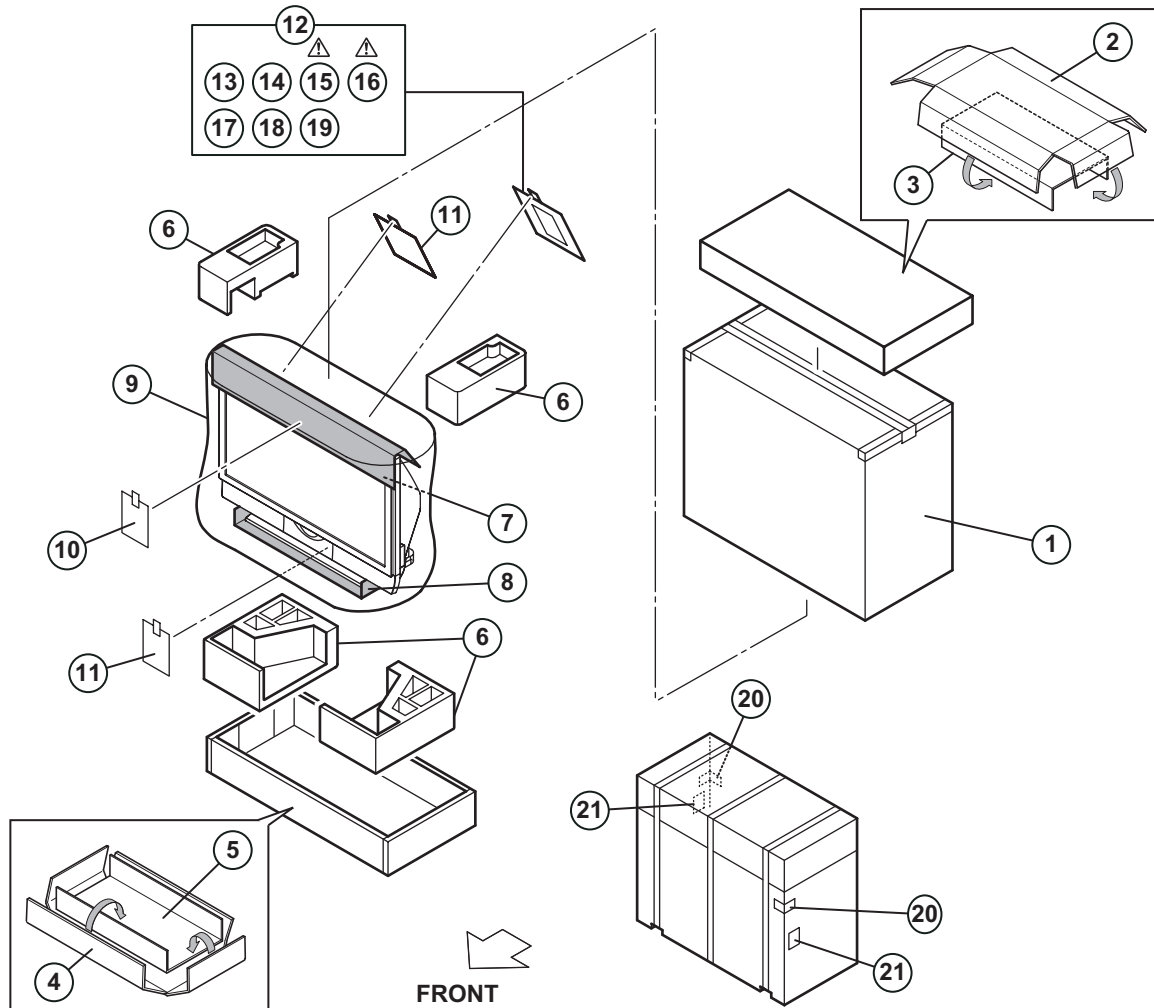
**ATSC TUNER MODULE P.W. BOARD ASS'Y (SSD2104A-M2)**

REFER TO PARTS LIST IN PAGE 3-33 FOR THIS P.W. BOARD.

**REMOTE CONTROL UNIT PARTS LIST (RM-C14G-1H)**

| △ Ref No. | Part No.    | Part Name     | Description | Local |
|-----------|-------------|---------------|-------------|-------|
|           | UR77EC1403A | BATTERY COVER |             |       |

# PACKING



## PACKING PARTS LIST

| △ | Ref.No. | Part No.       | Part Name     | Description    | Local               |
|---|---------|----------------|---------------|----------------|---------------------|
|   | 1       | LC12022-002C-A | PACKING CASE  |                | HD-61Z786,HD-61Z886 |
|   | 1       | LC12022-003A-A | PACKING CASE  |                | HD-70G886           |
|   | 2       | LC12031-002B-A | TOP CASE      |                | HD-61Z786,HD-61Z886 |
|   | 3       | LC12023-002B-A | BOTTOM CASE   |                | HD-61Z786,HD-61Z886 |
|   | 4       | LC12060-004B-A | PAD           |                | HD-61Z786,HD-61Z886 |
|   | 5       | LC12060-003B-A | PAD           |                | HD-61Z786,HD-61Z886 |
|   | 6       | LC11919-002B-A | CUSHION ASSY  | 4pcs in 1set   | HD-61Z786,HD-61Z886 |
|   | 6       | LC12329-001A-A | CUSHION ASSY  | 4pcs in 1set   | HD-70G886           |
|   | 7       | CP30055-007-A  | TOP COVER     |                | HD-61Z786,HD-61Z886 |
|   | 8       | CP30055-A02-A  | TOP COVER     |                | HD-61Z786,HD-61Z886 |
|   | 9       | CP30056-011-A  | POLY BAG      |                | HD-61Z786,HD-61Z886 |
|   | 9       | CP30056-012-A  | POLY BAG      |                | HD-70G886           |
|   | 10      | LCT1728-001B-A | INST SHEET    | English/French | HD-61Z786,HD-61Z886 |
|   | 11      | LCT1721-001A-A | INST SHEET    | English/French | HD-61Z786,HD-61Z886 |
|   | 12      | QPA02503505    | POLY BAG      | 25cm x 35cm    |                     |
|   | 13      | -----          | BATTERY       | R6P/AA(x2)     |                     |
|   | 14      | RM-C14G-1H     | REMOCON       |                |                     |
| △ | 15      | LCT1833-001A-A | INST BOOK     | English        |                     |
| △ | 16      | LCT1834-001A-A | INST BOOK     | French         |                     |
|   | 17      | BT-51034-2Q    | REGIST. CARD  |                |                     |
|   | 18      | QAU0382-002    | RF SPLITTER   |                |                     |
|   | 19      | QAM0523-003    | RF CABLE      | 30cm(x2)       |                     |
|   | 20      | -----          | CORNER LABEL  | 2pcs in 1set   |                     |
|   | 21      | LC42114-001A-A | CONCEAL LABEL | (x2)           | HD-61Z786,HD-61Z886 |

# JVC

## SCHEMATIC DIAGRAMS

REAR PROJECTION TELEVISION

**HD-61Z786,  
HD-61Z886,  
HD-70G886**

CD-ROM No.SML200505



[HD-70G886]

BASIC CHASSIS

RP3

**HD-ILA™**  
Powered by D-ILA

**D.I.S.T.**  
Digital Image Scaling Technology

**BBE**  
**HDMI™**  
HIGH-DEFINITION MULTIMEDIA INTERFACE

**i HDTV**  
**DCR** **DOLBY DIGITAL**



# HD-61Z786, HD-61Z886, HD-70G886

## STANDARD CIRCUIT DIAGRAM

### ■ NOTE ON USING CIRCUIT DIAGRAMS

#### 1.SAFETY

The components identified by the  $\triangle$  symbol and shading are critical for safety. For continued safety replace safety critical components only with manufactures recommended parts.

#### 2.SPECIFIED VOLTAGE AND WAVEFORM VALUES

The voltage and waveform values have been measured under the following conditions.

- (1)Input signal : Colour bar signal
- (2)Setting positions of each knob/button and variable resistor : Original setting position when shipped
- (3)Internal resistance of tester : DC 20k $\Omega$ /V
- (4)Oscilloscope sweeping time : H  $\Rightarrow$  20 $\mu$ s / div  
: V  $\Rightarrow$  5ms / div  
: Others  $\Rightarrow$  Sweeping time is specified
- (5)Voltage values : All DC voltage values

\* Since the voltage values of signal circuit vary to some extent according to adjustments, use them as reference values.

#### 3.INDICATION OF PARTS SYMBOL [EXAMPLE]

- In the PW board : R209  $\rightarrow$  R209

#### 4.INDICATIONS ON THE CIRCUIT DIAGRAM

##### (1)Resistors

- Resistance value

|         |                 |
|---------|-----------------|
| No unit | : [ $\Omega$ ]  |
| K       | : [k $\Omega$ ] |
| M       | : [M $\Omega$ ] |

- Rated allowable power

|               |                |
|---------------|----------------|
| No indication | : 1/16 [W]     |
| Others        | : As specified |

- Type

|               |                             |
|---------------|-----------------------------|
| No indication | : Carbon resistor           |
| OMR           | : Oxide metal film resistor |
| MFR           | : Metal film resistor       |
| MPR           | : Metal plate resistor      |
| UNFR          | : Uninflammable resistor    |
| FR            | : Fusible resistor          |

\* Composition resistor 1/2 [W] is specified as 1/2S or Comp.

##### (2)Capacitors

- Capacitance value

|             |              |
|-------------|--------------|
| 1 or higher | : [pF]       |
| less than 1 | : [ $\mu$ F] |

- Withstand voltage

|               |                            |
|---------------|----------------------------|
| No indication | : DC50[V]                  |
| Others        | : DC withstand voltage [V] |
| AC indicated  | : AC withstand voltage [V] |

- \* Electrolytic Capacitors

47/50[Example]: Capacitance value [ $\mu$ F]/withstand voltage[V]

- Type

|               |                                     |
|---------------|-------------------------------------|
| No indication | : Ceramic capacitor                 |
| MM            | : Metalized mylar capacitor         |
| PP            | : Polypropylene capacitor           |
| MPP           | : Metalized polypropylene capacitor |
| MF            | : Metalized film capacitor          |
| TF            | : Thin film capacitor               |
| BP            | : Bipolar electrolytic capacitor    |
| TAN           | : Tantalum capacitor                |

##### (3)Coils

|         |                |
|---------|----------------|
| No unit | : [ $\mu$ H]   |
| Others  | : As specified |

##### (4)Power Supply

|                                                                                   |      |                                                                                     |            |
|-----------------------------------------------------------------------------------|------|-------------------------------------------------------------------------------------|------------|
|  | : B1 |  | : B2 (12V) |
|  | : 9V |  | : 5V       |

\* Respective voltage values are indicated

##### (5)Test point

|                                                                                   |              |                                                                                   |                           |
|-----------------------------------------------------------------------------------|--------------|-----------------------------------------------------------------------------------|---------------------------|
|  | : Test point |  | : Only test point display |
|-----------------------------------------------------------------------------------|--------------|-----------------------------------------------------------------------------------|---------------------------|

##### (6)Connecting method

|                                                                                    |              |                                                                                     |                         |
|------------------------------------------------------------------------------------|--------------|-------------------------------------------------------------------------------------|-------------------------|
|   | : Connector  |  | : Wrapping or soldering |
|  | : Receptacle |   | : Receptacle            |

##### (7)Ground symbol

|                                                                                     |                                 |
|-------------------------------------------------------------------------------------|---------------------------------|
|  | : LIVE side ground              |
|  | : ISOLATED(NEUTRAL) side ground |
|  | : EARTH ground                  |
|  | : DIGITAL ground                |

#### 5.NOTE FOR REPAIRING SERVICE

This model's power circuit is partly different in the GND. The difference of the GND is shown by the LIVE : ( $\perp$ ) side GND and the ISOLATED(NEUTRAL) : ( $\perp$ ) side GND. Therefore, care must be taken for the following points.

- (1)Do not touch the LIVE side GND or the LIVE side GND and the ISOLATED(NEUTRAL) side GND simultaneously. If the above caution is not respected, an electric shock may be caused. Therefore, make sure that the power cord is surely removed from the receptacle when, for example, the chassis is pulled out.
- (2)Do not short between the LIVE side GND and ISOLATED(NEUTRAL) side GND or never measure with a measuring apparatus measure with a measuring apparatus ( oscilloscope, etc.) the LIVE side GND and ISOLATED(NEUTRAL) side GND at the same time. If the above precaution is not respected, a fuse or any parts will be broken.

- ◆ Since the circuit diagram is a standard one, the circuit and circuit constants may be subject to change for improvement without any notice.

##### NOTE

- ◆ Due improvement in performance, some part numbers show in the circuit diagram may not agree with those indicated in the part list.  
When ordering parts, please use the numbers that appear in the Parts List.

# CONTENTS

|                                          |              |
|------------------------------------------|--------------|
| <b>SEMICONDUCTOR SHAPES .....</b>        | <b>2-3</b>   |
| <b>WIRING DIAGRAM .....</b>              | <b>2-5</b>   |
| <b>BLOCK DIAGRAM .....</b>               | <b>2-7</b>   |
| <b>CIRCUIT DIAGRAMS</b>                  |              |
| RECEIVER PWB CIRCUIT DIAGRAM .....       | 2-9          |
| REAR JACK PWB CIRCUIT DIAGRAM .....      | 2-13         |
| ANALOG SIGNAL PWB CIRCUIT DIAGRAM .....  | 2-15         |
| DIGITAL SIGNAL PWB CIRCUIT DIAGRAM ..... | 2-25         |
| MAIN DRIVE PWB CIRCUIT DIAGRAM .....     | 2-47         |
| POWER PWB CIRCUIT DIAGRAM .....          | 2-61         |
| REGULATOR PWB CIRCUIT DIAGRAM .....      | 2-65         |
| FAN CONTROL PWB CIRCUIT DIAGRAM .....    | 2-67         |
| TEMP SENSOR PWB CIRCUIT DIAGRAM .....    | 2-69         |
| LAMP COVER SW PWB CIRCUIT DIAGRAM .....  | 2-70         |
| SIDE CONTROL PWB CIRCUIT DIAGRAM .....   | 2-71         |
| FRONT LED PWB CIRCUIT DIAGRAM .....      | 2-73         |
| REMOTE SENSOR PWB CIRCUIT DIAGRAM .....  | 2-75         |
| SD CARD PWB CIRCUIT DIAGRAM .....        | 2-76         |
| CARD VIEWER PWB CIRCUIT DIAGRAM .....    | 2-77         |
| <b>PATTERN DIAGRAMS</b>                  |              |
| RECEIVER PWB PATTERN .....               | 2-81         |
| REAR JACK PWB PATTERN .....              | 2-83         |
| ANALOG SIGNAL PWB PATTERN .....          | 2-85         |
| DIGITAL SIGNAL PWB PATTERN .....         | 2-87         |
| MAIN DRIVE PWB PATTERN .....             | 2-91         |
| POWER PWB PATTERN .....                  | 2-95         |
| REGULATOR PWB PATTERN .....              | 2-99         |
| FAN CONTROL PWB PATTERN .....            | 2-101        |
| FRONT LED PWB PATTERN .....              | 2-101        |
| TEMP SENSOR PWB PATTERN .....            | 2-102        |
| LAMP COVER SW PWB PATTERN .....          | 2-102        |
| REMOTE SENSOR PWB PATTERN .....          | 2-102        |
| SIDE CONTROL PWB PATTERN .....           | 2-103        |
| SD CARD PWB PATTERN .....                | 2-104        |
| CARD VIEWER PWB PATTERN .....            | 2-104        |
| <b>VOLTAGE CHARTS .....</b>              | <b>2-105</b> |
| <b>WAVE FORMS .....</b>                  | <b>2-107</b> |

USING P.W. BOARD

| P.W.B ASS'Y name           | HD-61Z786    | HD-61Z886    | HD-70G886    |
|----------------------------|--------------|--------------|--------------|
| ANALOG SIGNAL P.W.B BOARD  | SRP-1022A-M2 | ←            | SRP-1021A-M2 |
| REGULATOR P.W.B BOARD      | SRP-2022A-M2 | ←            | SRP-2021A-M2 |
| MAIN DRIVE P.W.B BOARD     | SRP-3006A-M2 | ←            | SRP-3010A-M2 |
| REMOTE SENSOR P.W.B BOARD  | SRP-8005A-M2 | ←            | ←            |
| FAN CONTROL P.W.B BOARD    | SRP-8106A-M2 | ←            | ←            |
| TEMP SENSOR P.W.B BOARD    | SRP-8206A-M2 | ←            | ←            |
| SD CARD P.W.B BOARD        | SRP-8510A-M2 | ←            | ←            |
| CARD VIEWER P.W.B BOARD    | - - -        | - - -        | SRP-8511A-M2 |
| POWER P.W.B BOARD          | SRP-9021A-M2 | ←            | ←            |
| DIGITAL SIGNAL P.W.B BOARD | SRP0D023A-M2 | SRP0D022A-M2 | SRP0D021A-M2 |
| REAR JACK P.W.B BOARD      | SRP0J021A-M2 | ←            | ←            |
| SIDE CONTROL P.W.B BOARD   | SRP0L021A-M2 | ←            | ←            |
| FRONT LED P.W.B BOARD      | SRP0L121A-M2 | ←            | ←            |
| LAMP COVER SW P.W.B BOARD  | SRP0L205A-M2 | ←            | ←            |
| RECEIVER P.W.B BOARD       | SRP0R021A-M2 | ←            | ←            |

SEMICONDUCTOR SHAPES

TRANSISTOR

| BOTTOM VIEW | FRONT VIEW |  |  |  | TOP VIEW    |
|-------------|------------|--|--|--|-------------|
|             |            |  |  |  | CHIP TR<br> |

IC

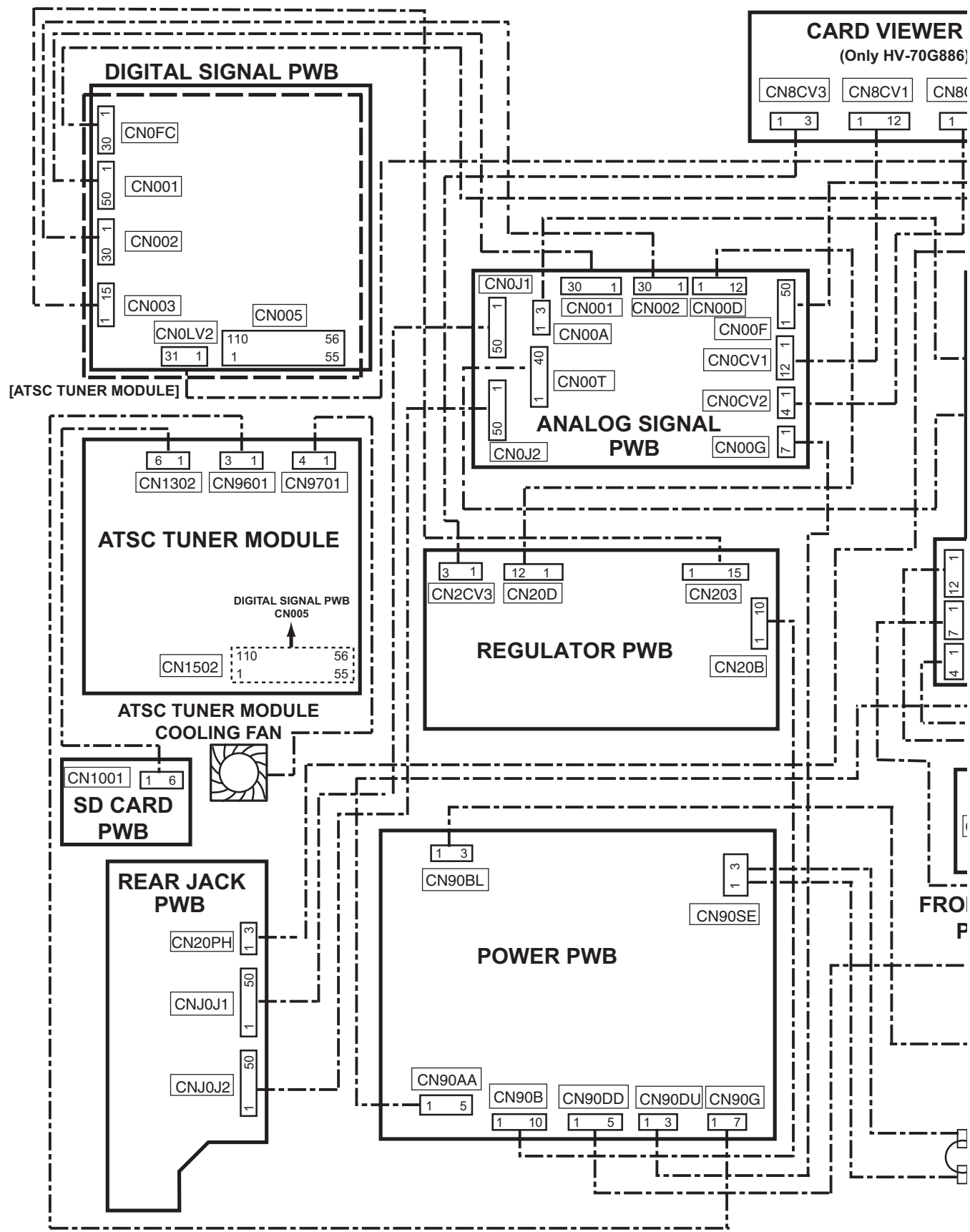
| BOTTOM VIEW | FRONT VIEW |  |  | TOP VIEW |
|-------------|------------|--|--|----------|
|             |            |  |  |          |

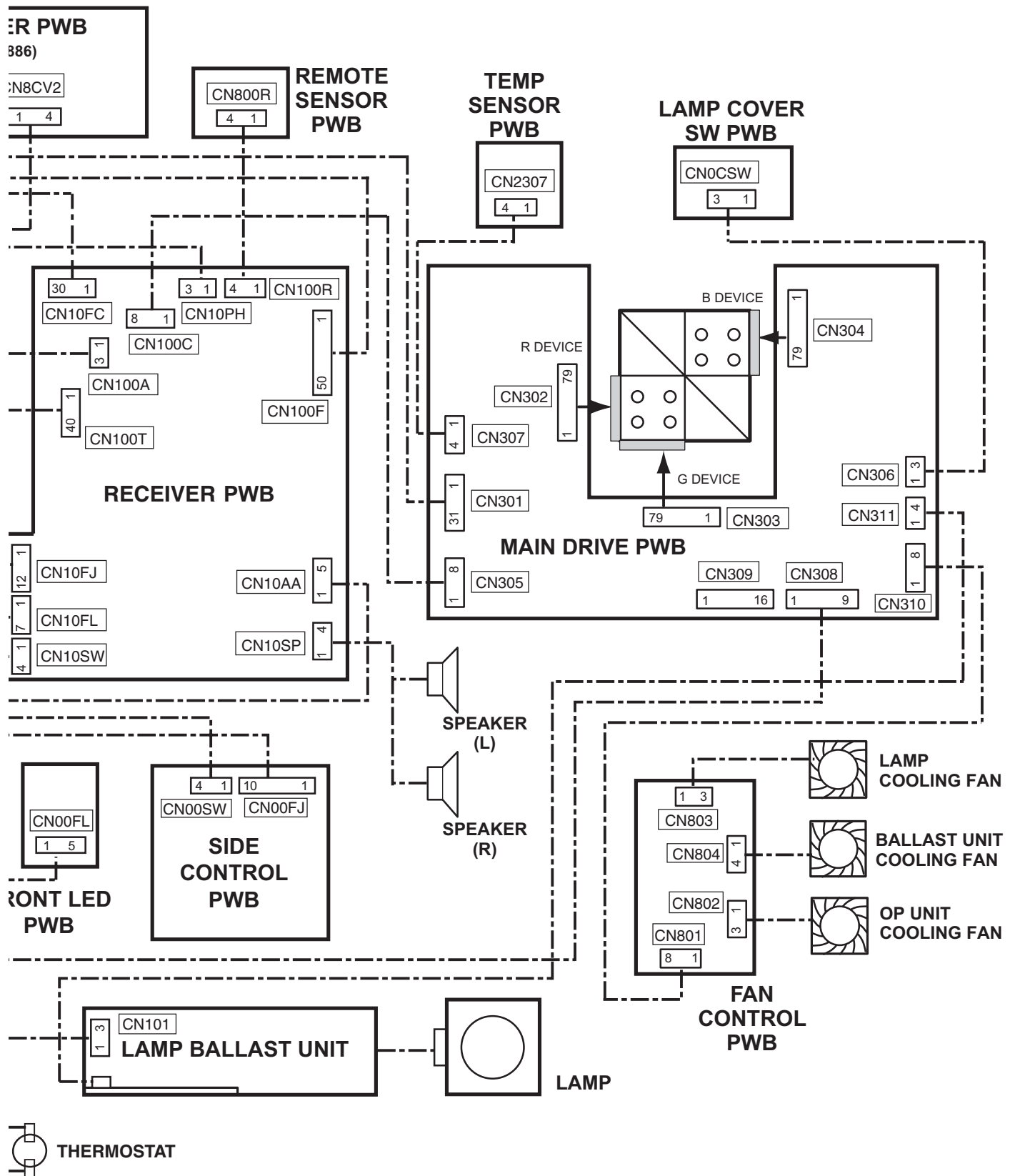
CHIP IC

| TOP VIEW |  |  |
|----------|--|--|
|          |  |  |

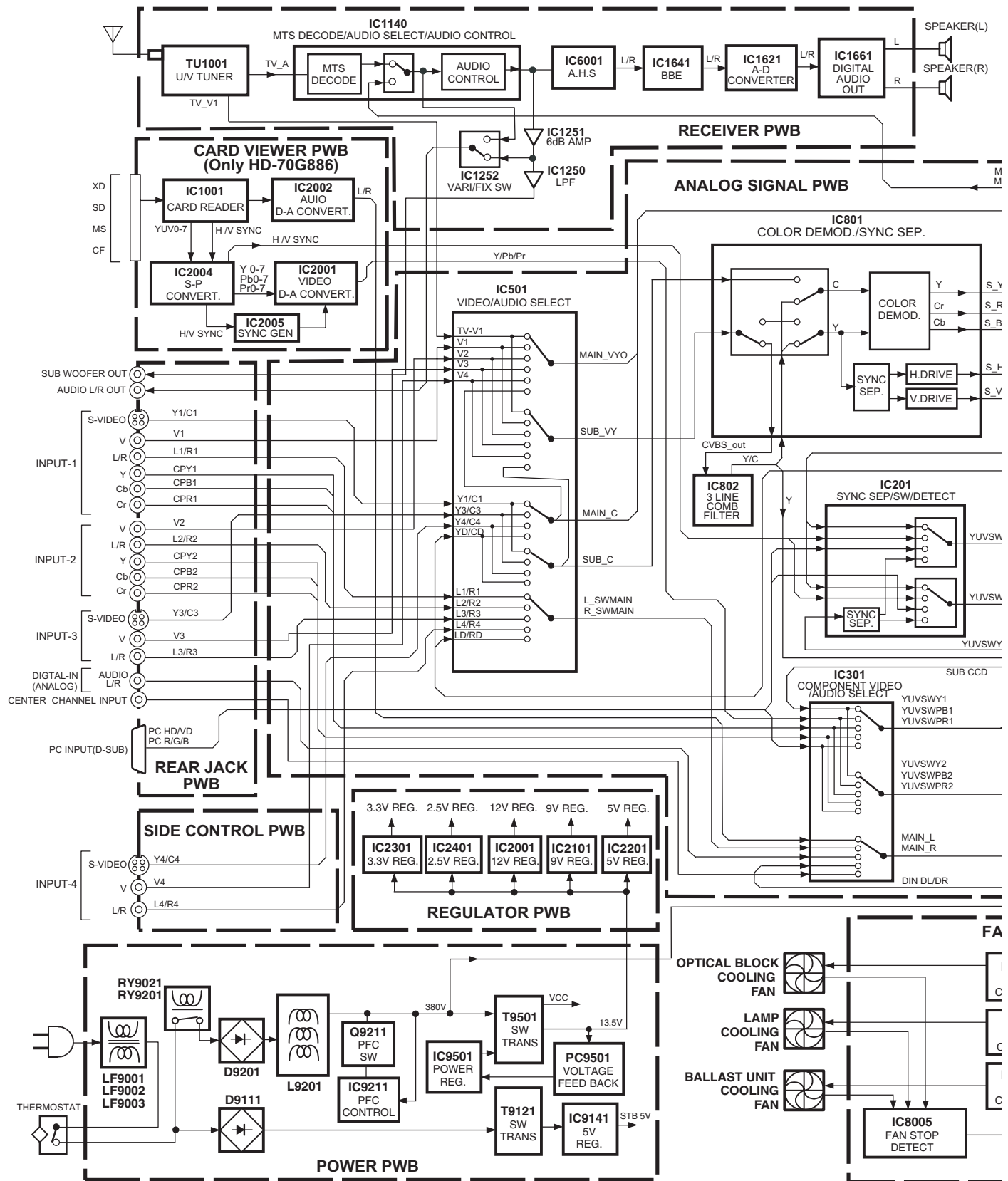


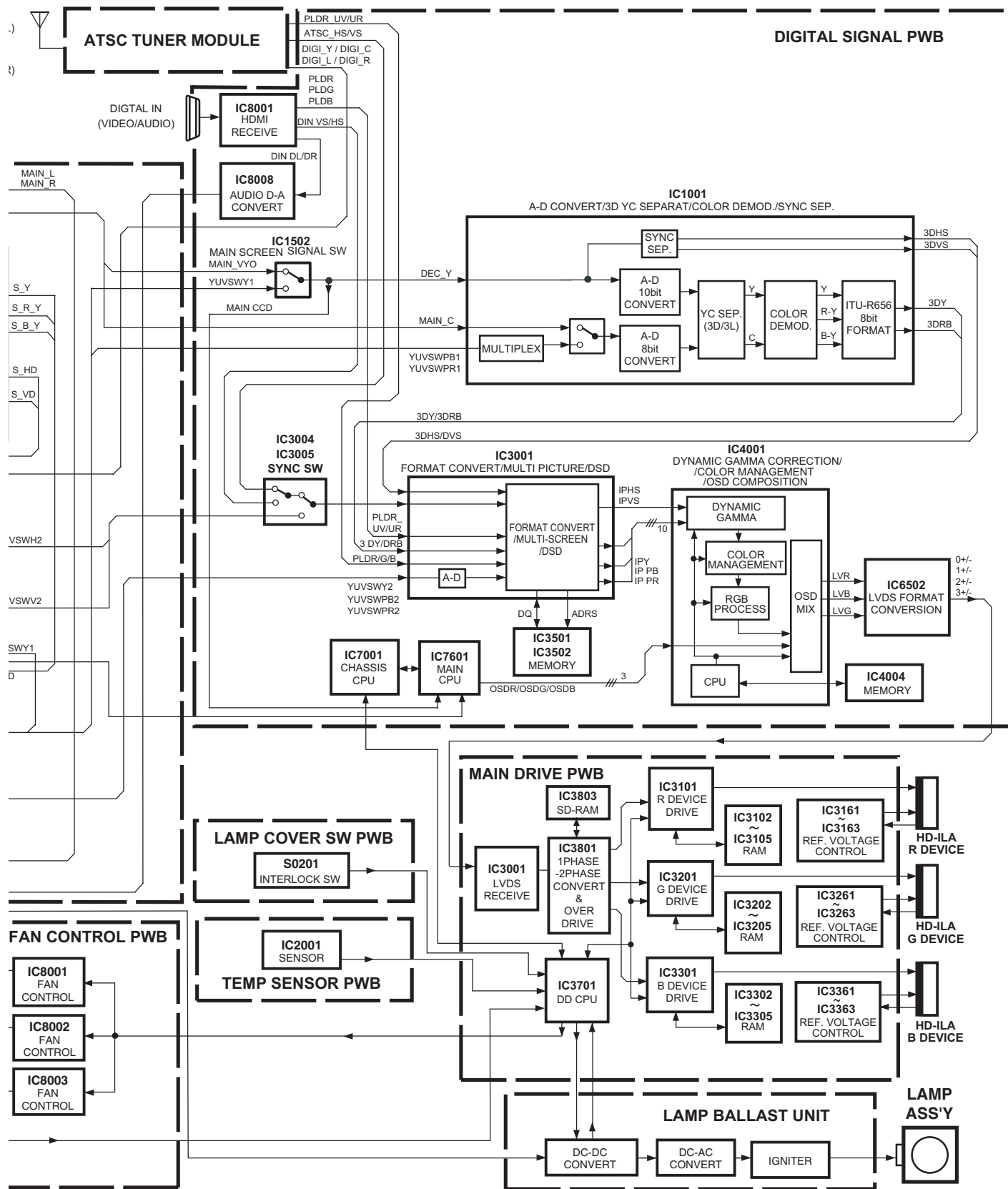
WIRING DIAGRAM





# BLOCK DIAGRAM

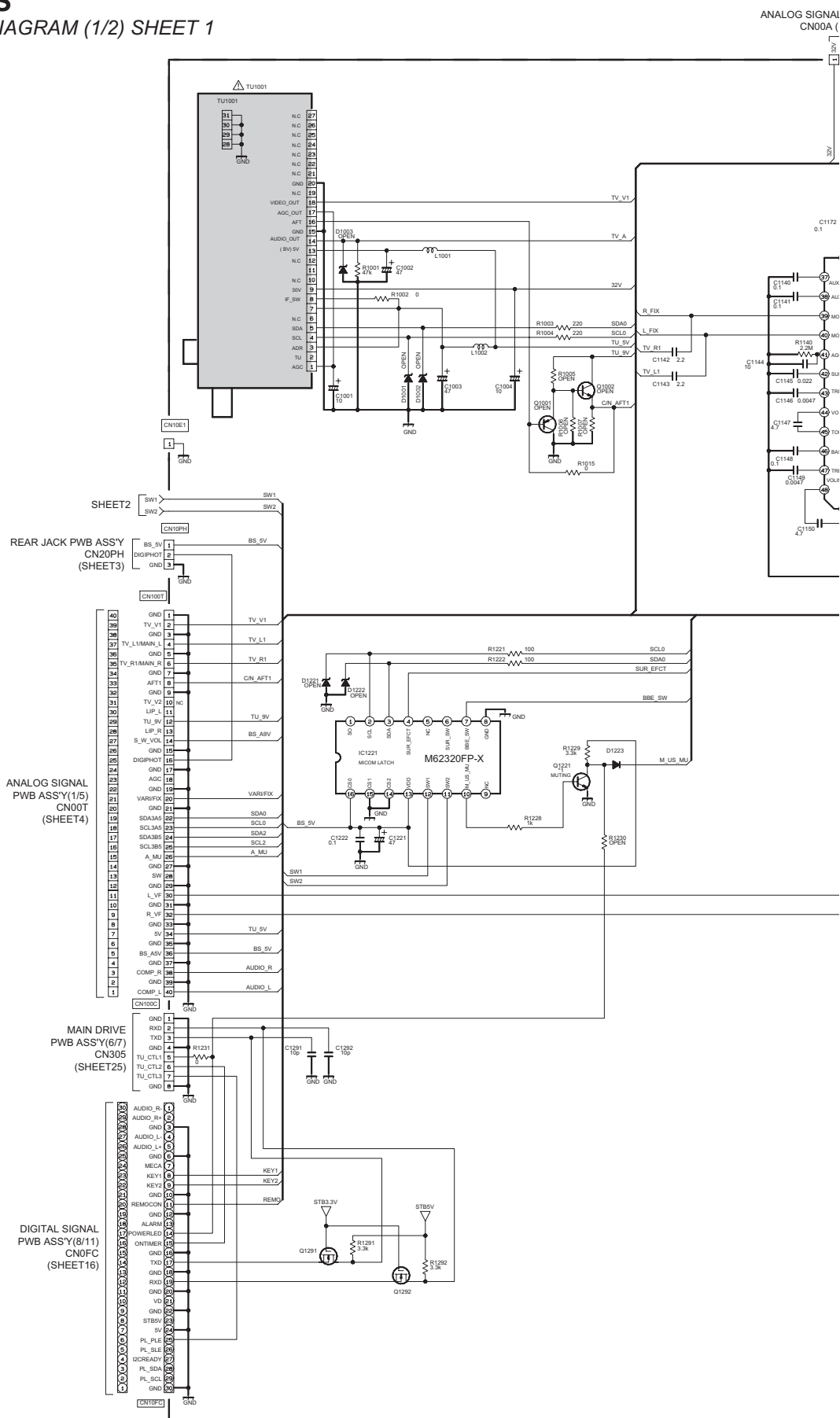






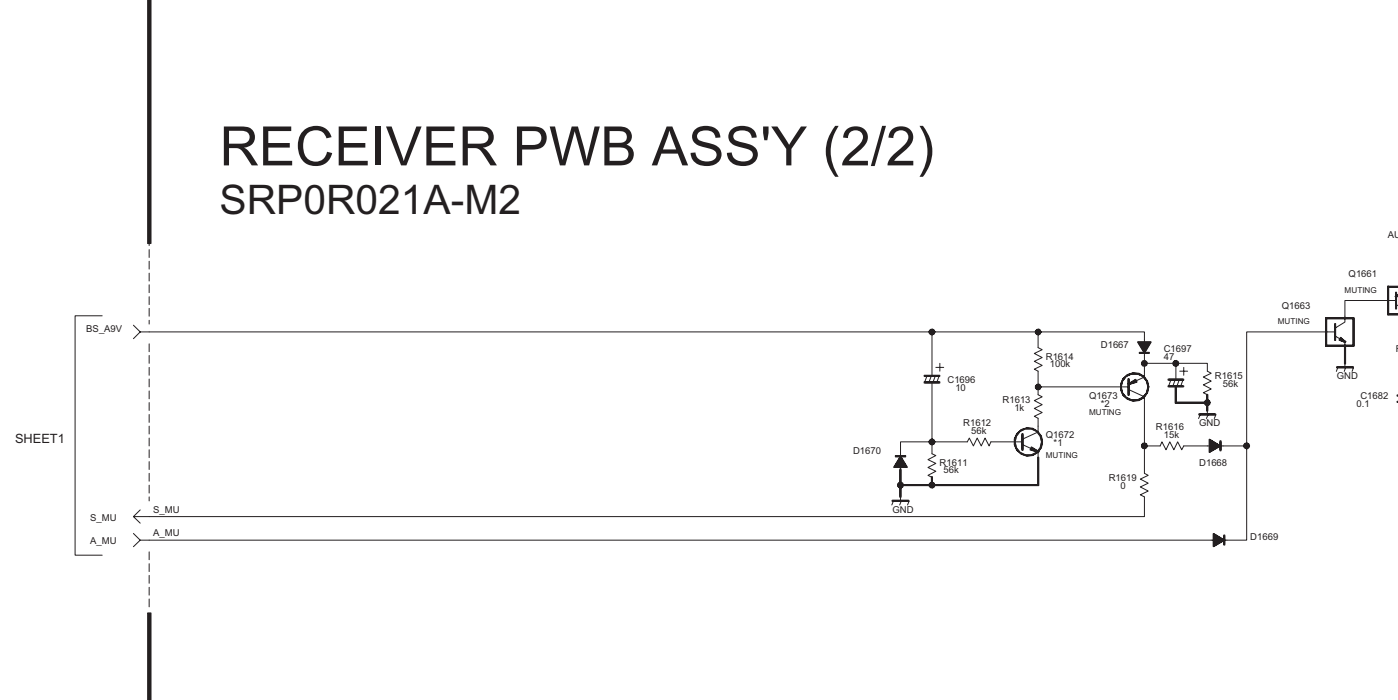
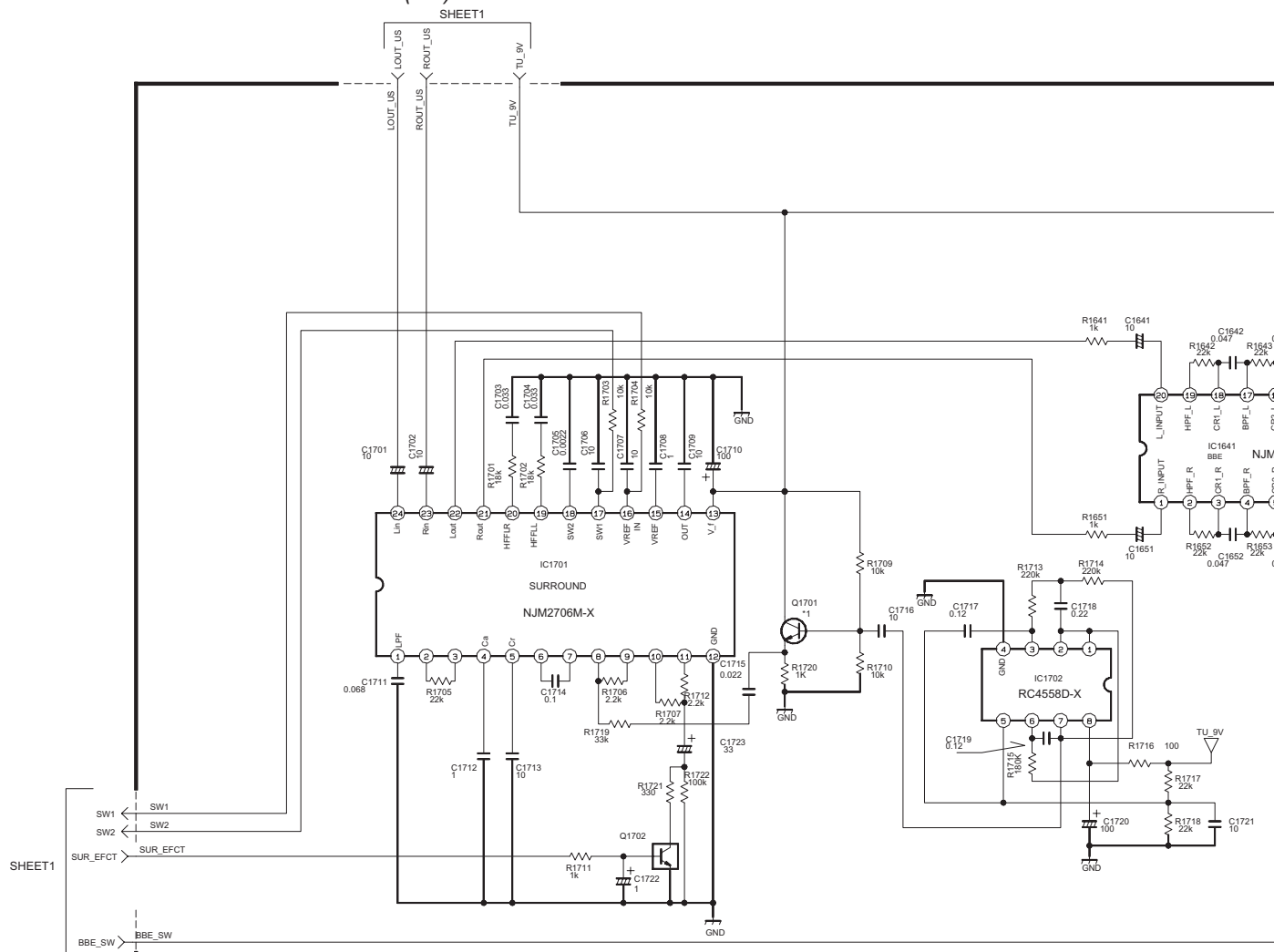
# CIRCUIT DIAGRAMS

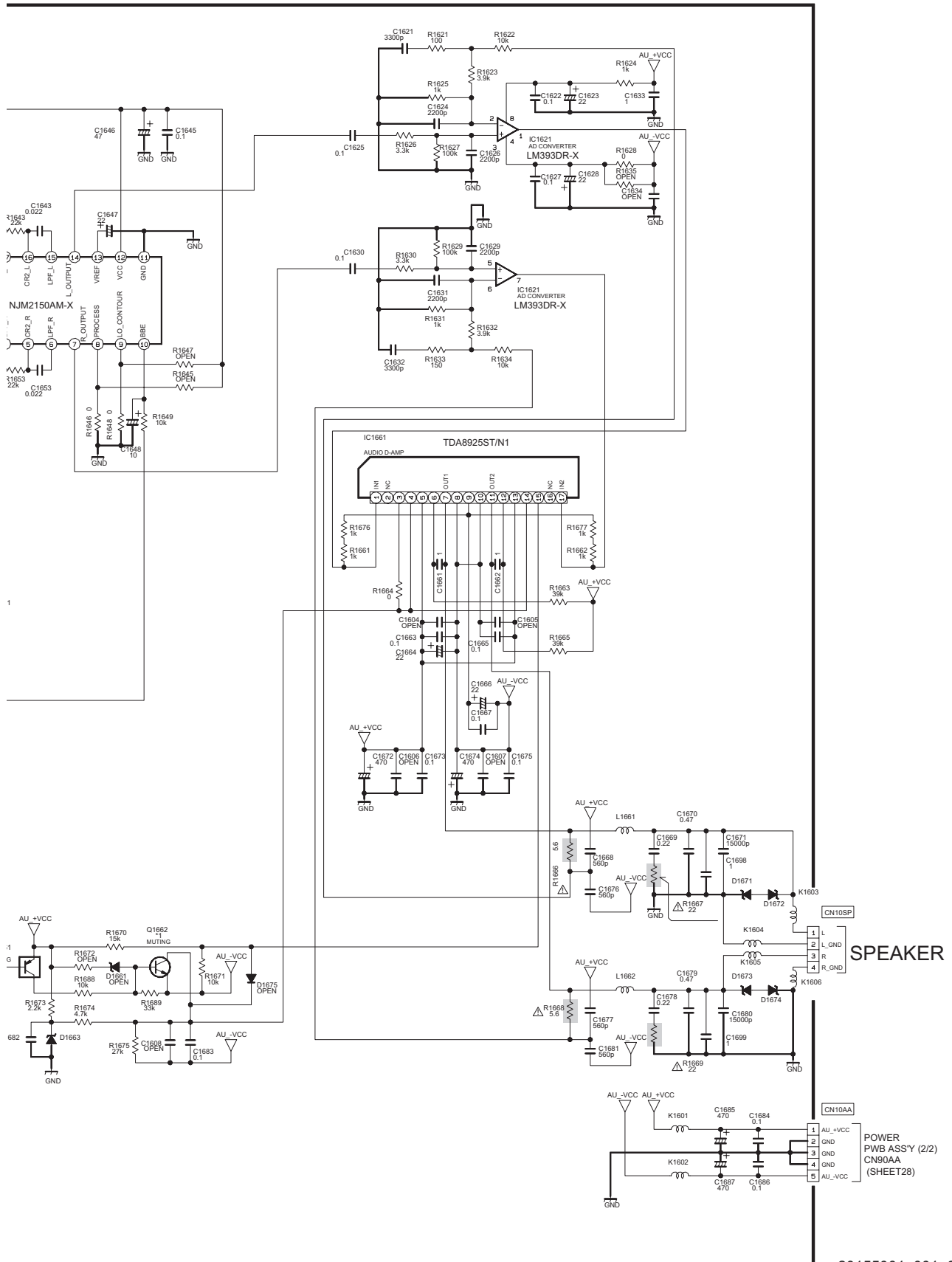
## RECEIVER PWB CIRCUIT DIAGRAM (1/2) SHEET 1





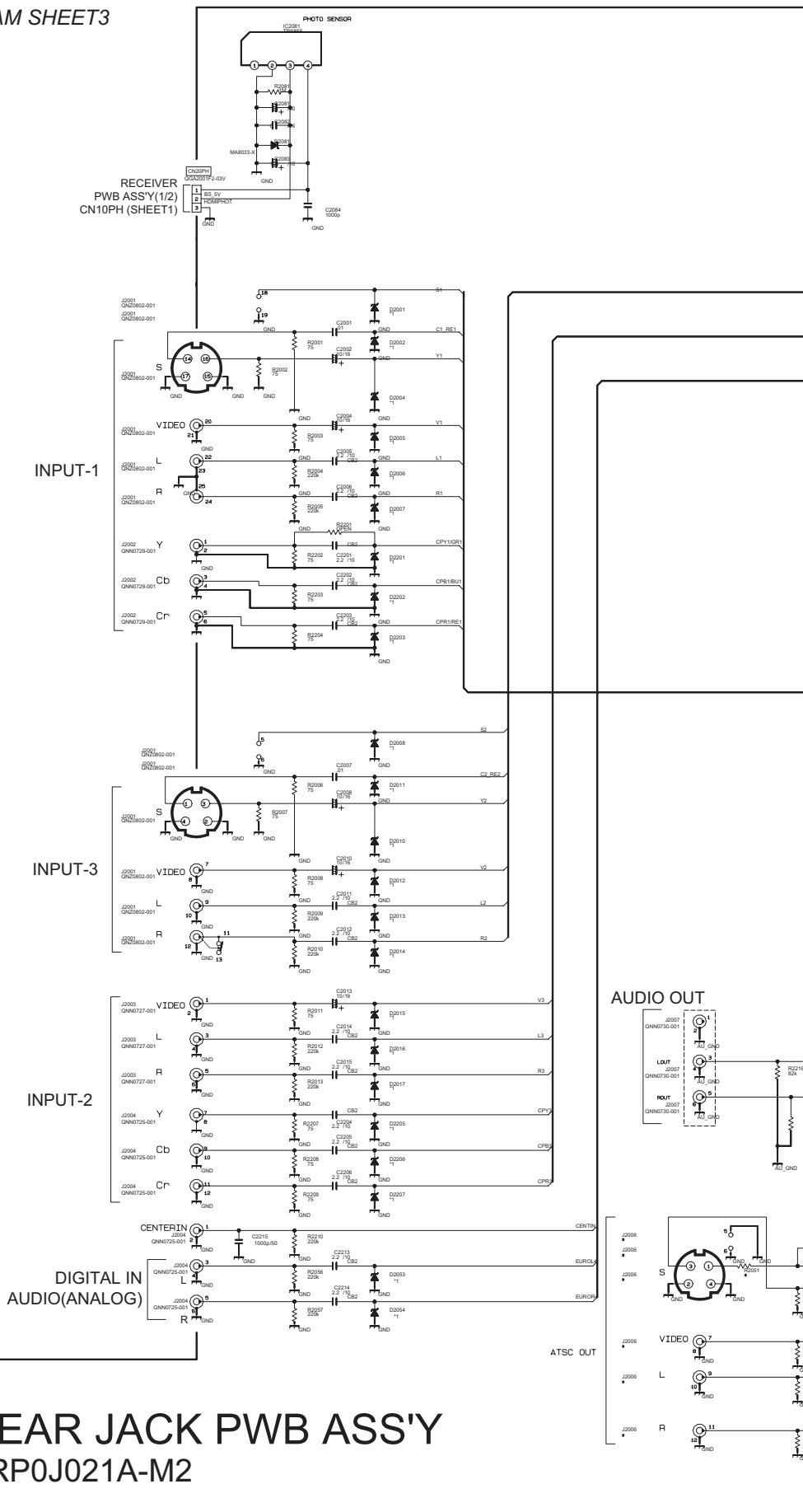
# RECEIVER PWB CIRCUIT DIAGRAM (2/2) SHEET 2





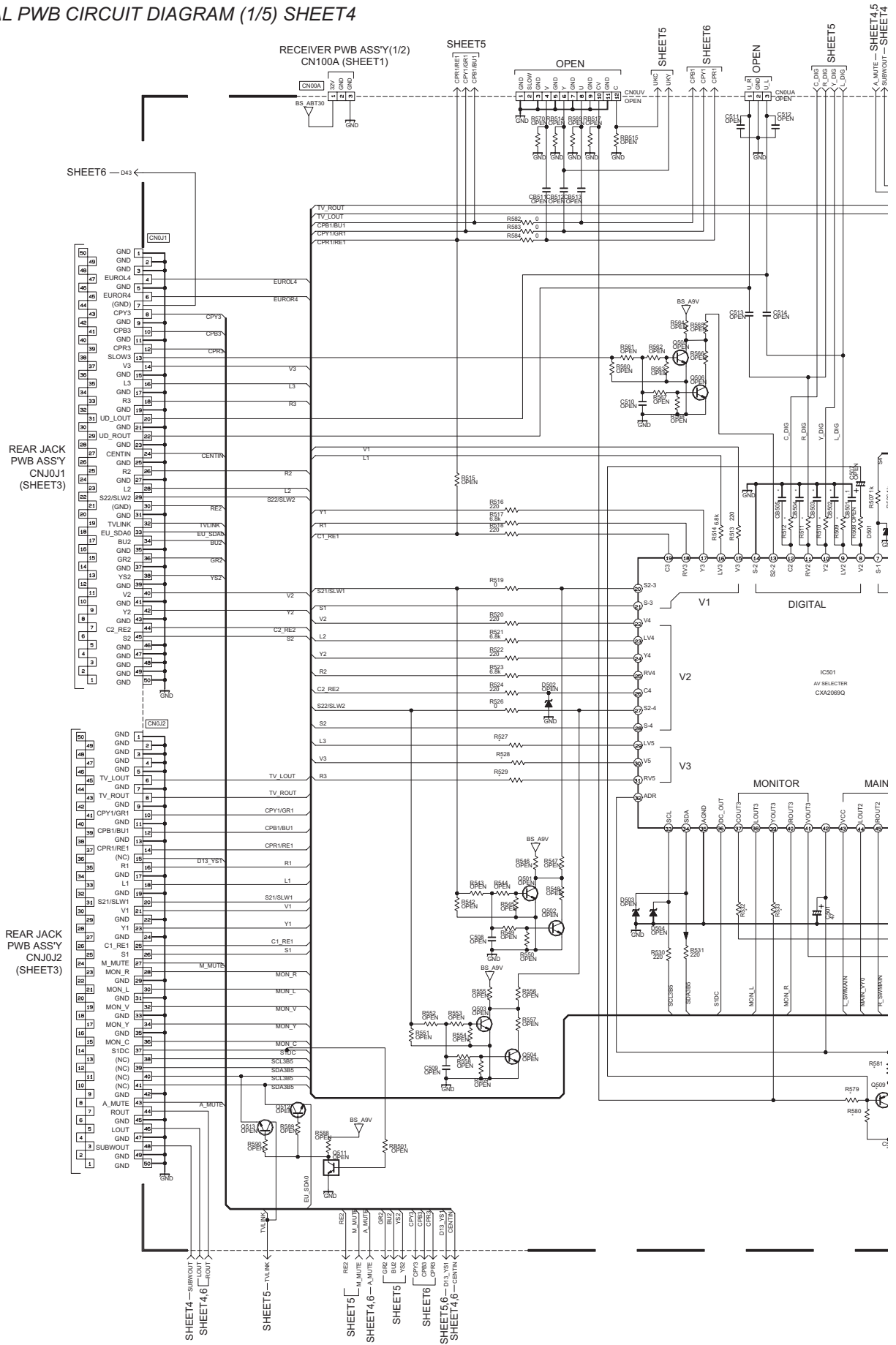
c20155001a001\_0216\_2/2\_0.0

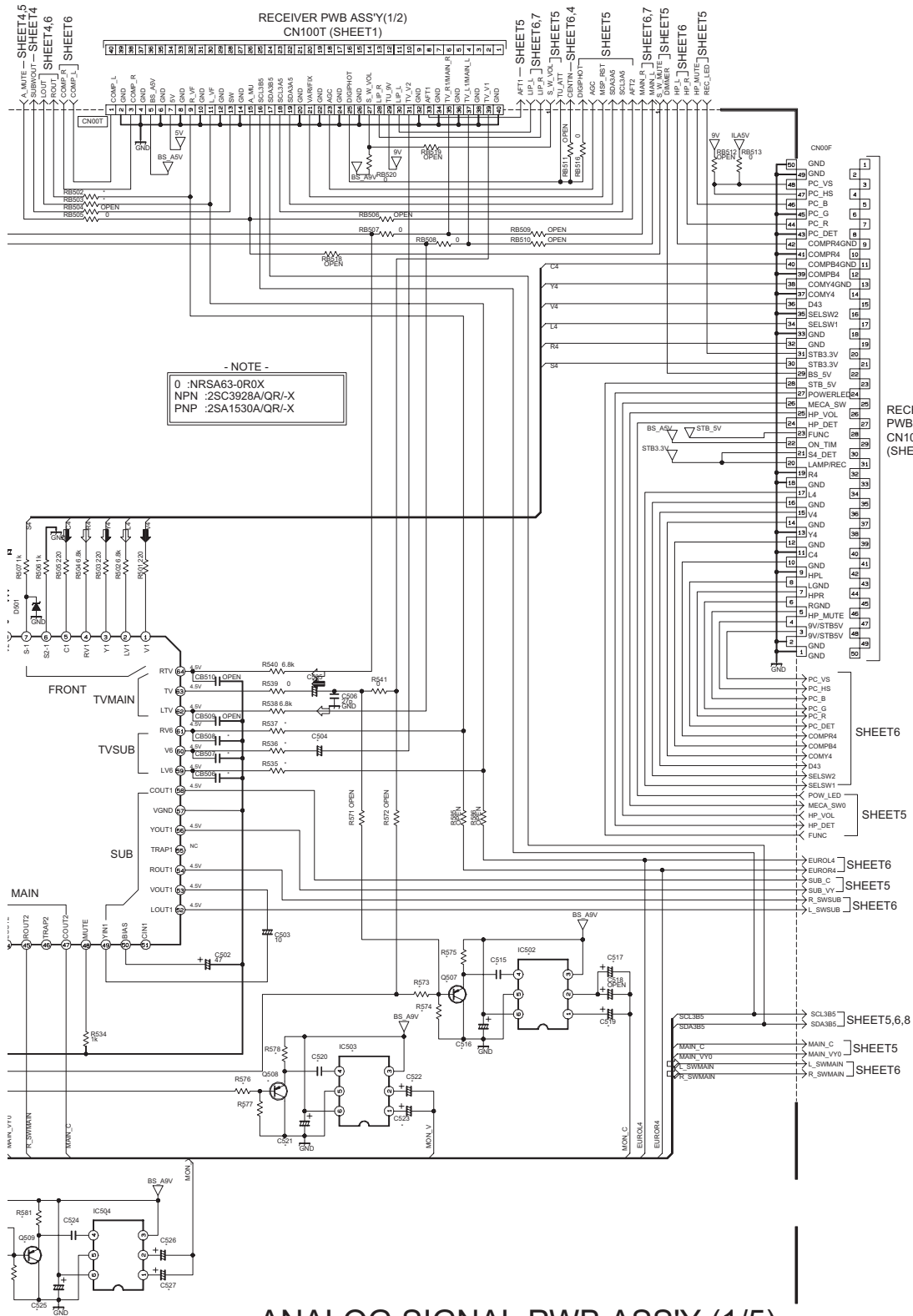
# REAR JACK PWB CIRCUIT DIAGRAM SHEET3





# ANALOG SIGNAL PWB CIRCUIT DIAGRAM (1/5) SHEET4





|       | SRP-1021A | SRP-1022A | SRP-1023A | SRP-1024A |
|-------|-----------|-----------|-----------|-----------|
| R552  | 0         | 0         | OPEN      | 0         |
| R553  | 0         | 0         | OPEN      | 0         |
| R579  | 2.2k      | 2.2k      | OPEN      | 2.2k      |
| R580  | 2.2k      | 2.2k      | OPEN      | 2.2k      |
| R581  | 5.6k      | 5.6k      | OPEN      | 5.6k      |
| C509  | PNP       | PNP       | OPEN      | PNP       |
| C525  | 10/16     | 10/16     | OPEN      | 10/16     |
| C524  | 1/16      | 1/16      | OPEN      | 1/16      |
| IC504 |           | MM1100N-X | OPEN      |           |
| C526  | 100/10    | 100/10    | OPEN      | 100/10    |
| C527  | 10/16     | 10/16     | OPEN      | 10/16     |
| R576  | 2.2k      | 2.2k      | OPEN      | 2.2k      |
| R577  | 2.2k      | 2.2k      | OPEN      | 2.2k      |
| R578  | 5.6k      | 5.6k      | OPEN      | 5.6k      |
| C508  | PNP       | PNP       | OPEN      | PNP       |
| C521  | 10/16     | 10/16     | OPEN      | 10/16     |
| C520  | 1/16      | 1/16      | OPEN      | 1/16      |
| C503  | 100/10    | MM1100N-X | OPEN      |           |
| C522  | 100/10    | 100/10    | OPEN      | 100/10    |
| R573  | 2.2k      | 2.2k      | OPEN      | 2.2k      |
| R574  | 2.2k      | 2.2k      | OPEN      | 2.2k      |
| R575  | 5.6k      | 5.6k      | OPEN      | 5.6k      |
| C507  | PNP       | PNP       | OPEN      | PNP       |
| C516  | 10/16     | 10/16     | OPEN      | 10/16     |
| C515  | 1/16      | 1/16      | OPEN      | 1/16      |
| IC502 |           | MM1100N-X | OPEN      |           |
| C517  | 100/10    | 100/10    | OPEN      | 100/10    |
| C519  |           |           | OPEN      |           |
| R527  | 6.8k      | 6.8k      | 6.8k      | OPEN      |
| R528  | 220       | 220       | 220       | OPEN      |
| R529  | 6.8k      | 6.8k      | 6.8k      | OPEN      |
| C806  | 0.1/16    | 0.1/16    | 0.1/16    | OPEN      |
| C807  | 0.1/16    | 0.1/16    | 0.1/16    | OPEN      |
| C808  | 0.1/16    | 0.1/16    | 0.1/16    | OPEN      |
| R530  | OPEN      | OPEN      | OPEN      | 1k        |
| R536  | OPEN      | OPEN      | OPEN      | OPEN      |
| R537  | OPEN      | OPEN      | OPEN      | 1k        |
| C804  | OPEN      | OPEN      | OPEN      | OPEN      |
| R539  | 0         | 0         | OPEN      | 0         |
| R510  | 0         | 0         | OPEN      | 0         |
| R511  | 0         | 0         | OPEN      | 0         |
| R512  | 0         | 0         | OPEN      | 0         |
| C803  | OPEN      | OPEN      | 0.1/16    | OPEN      |
| C802  | OPEN      | OPEN      | 0.1/16    | OPEN      |
| C804  | OPEN      | OPEN      | 0.1/16    | OPEN      |
| C805  | OPEN      | OPEN      | 0.1/16    | OPEN      |
| R502  | 0         | 0         | 0         | OPEN      |
| R503  | 0         | 0         | 0         | OPEN      |

RECEIVER  
PWB ASS'Y(1/2)  
CN100F  
(SHEET1)

SHEET6

SHEET5

SHEET6

SHEET5

SHEET6

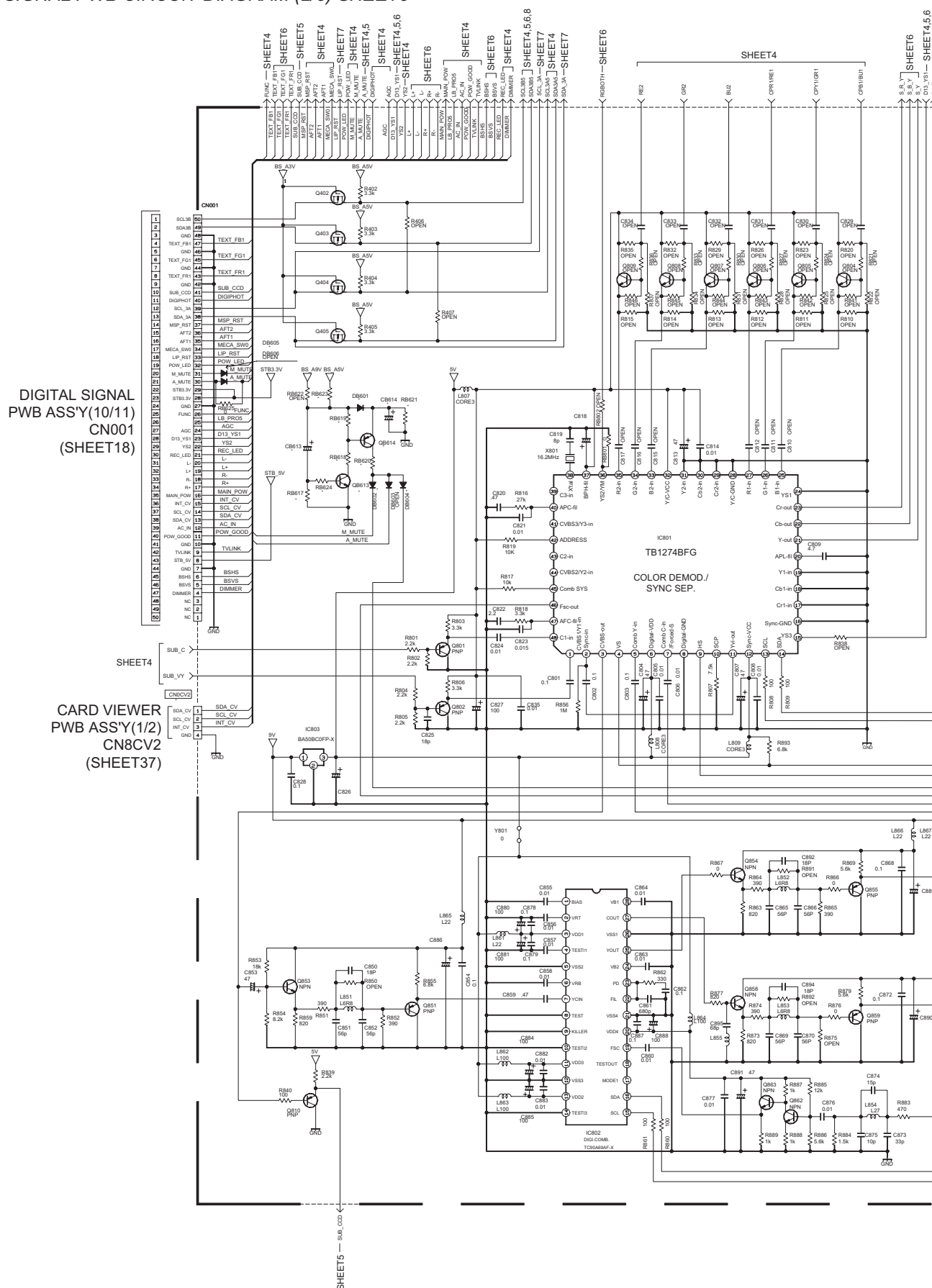
SHEET5,6,8

SHEET5

SHEET6

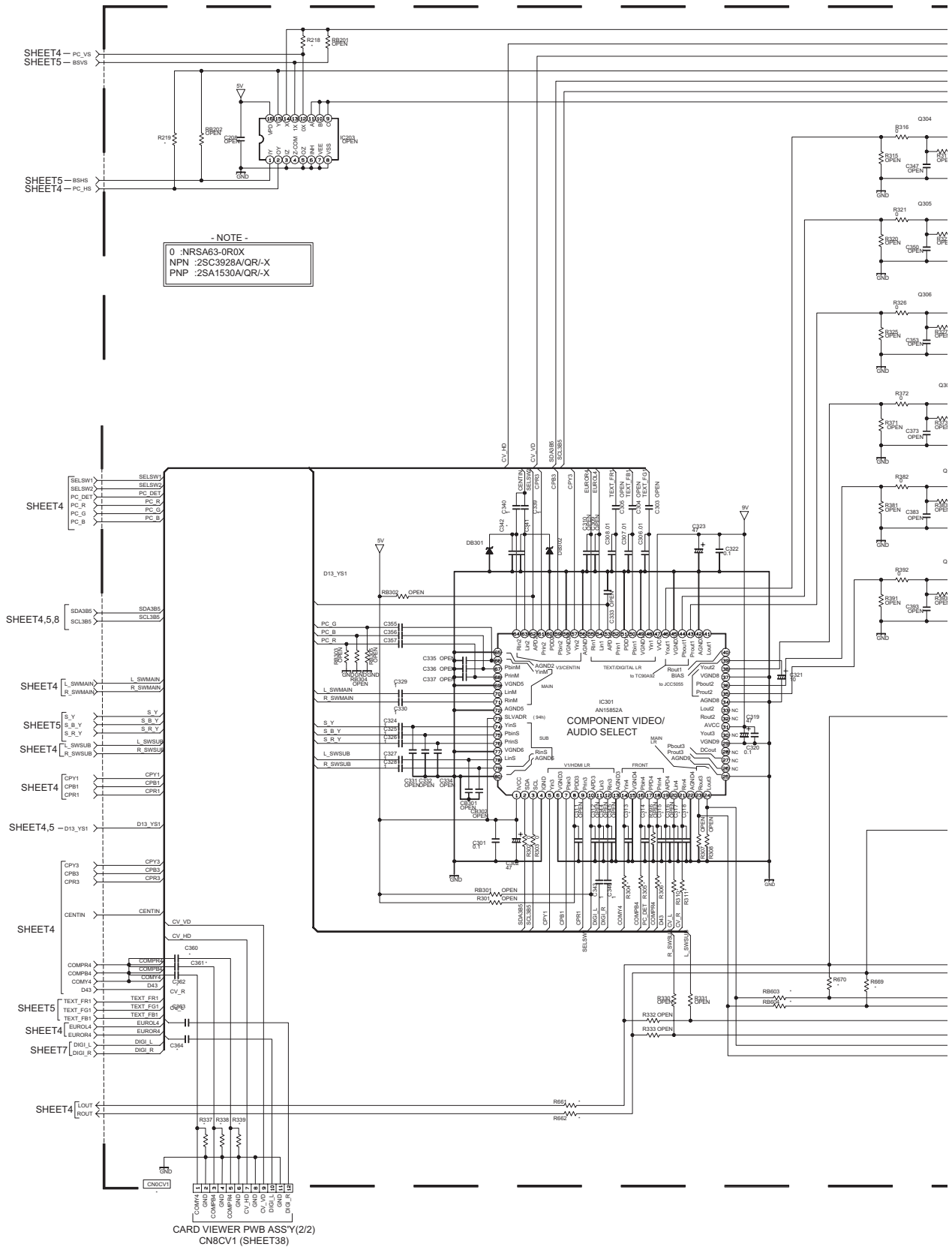


2-17(No.YA247)



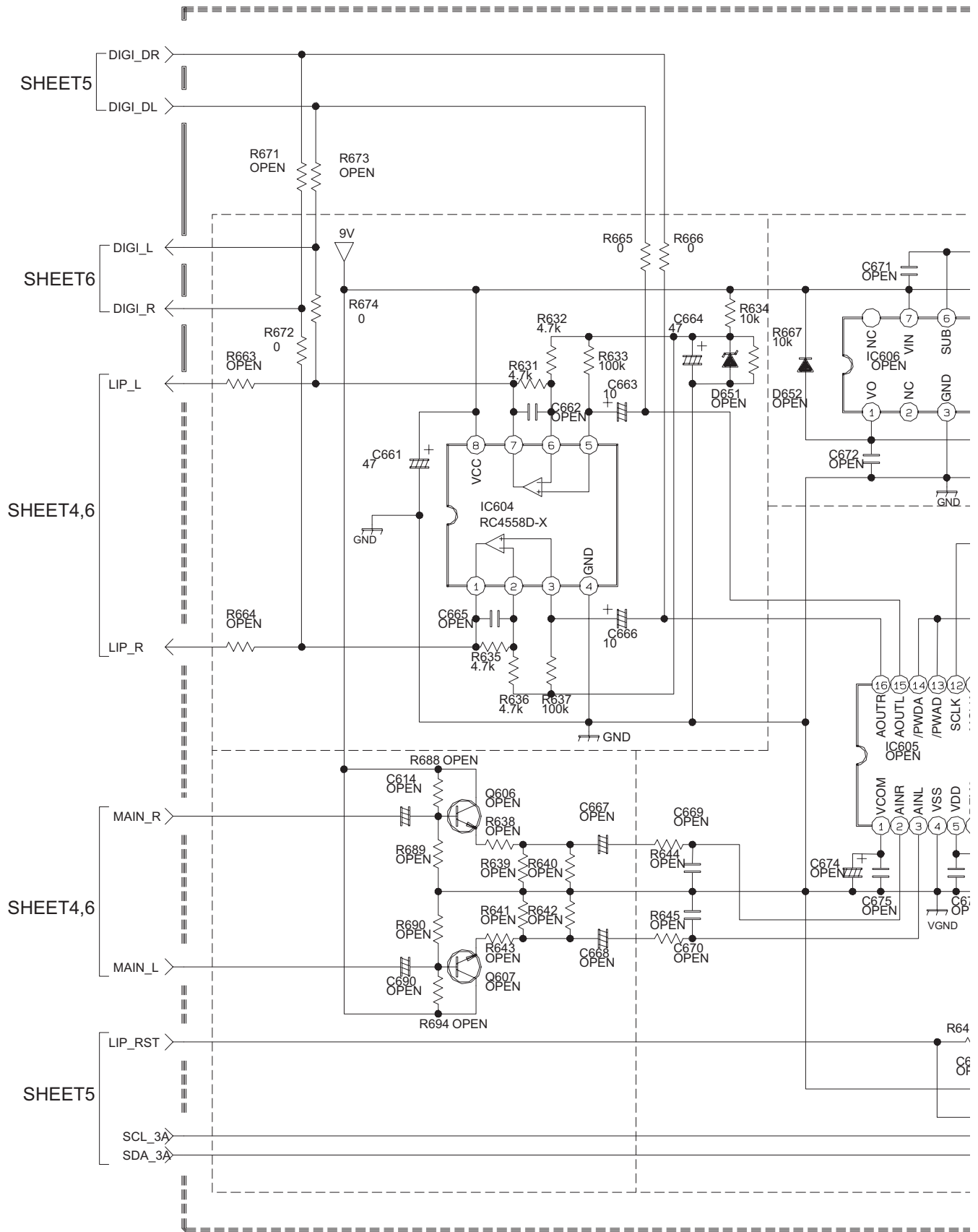


2-19(No.YA247)

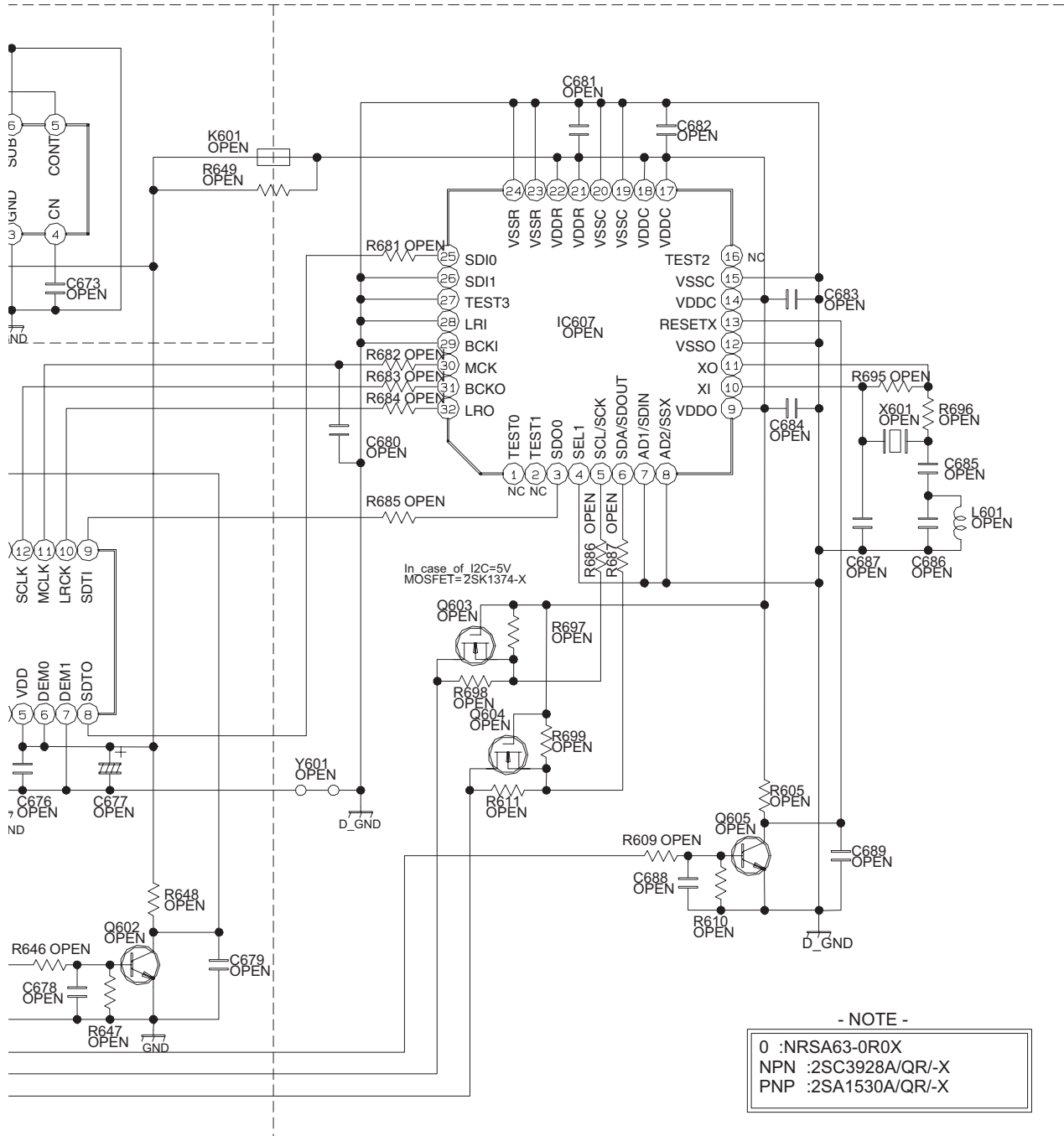


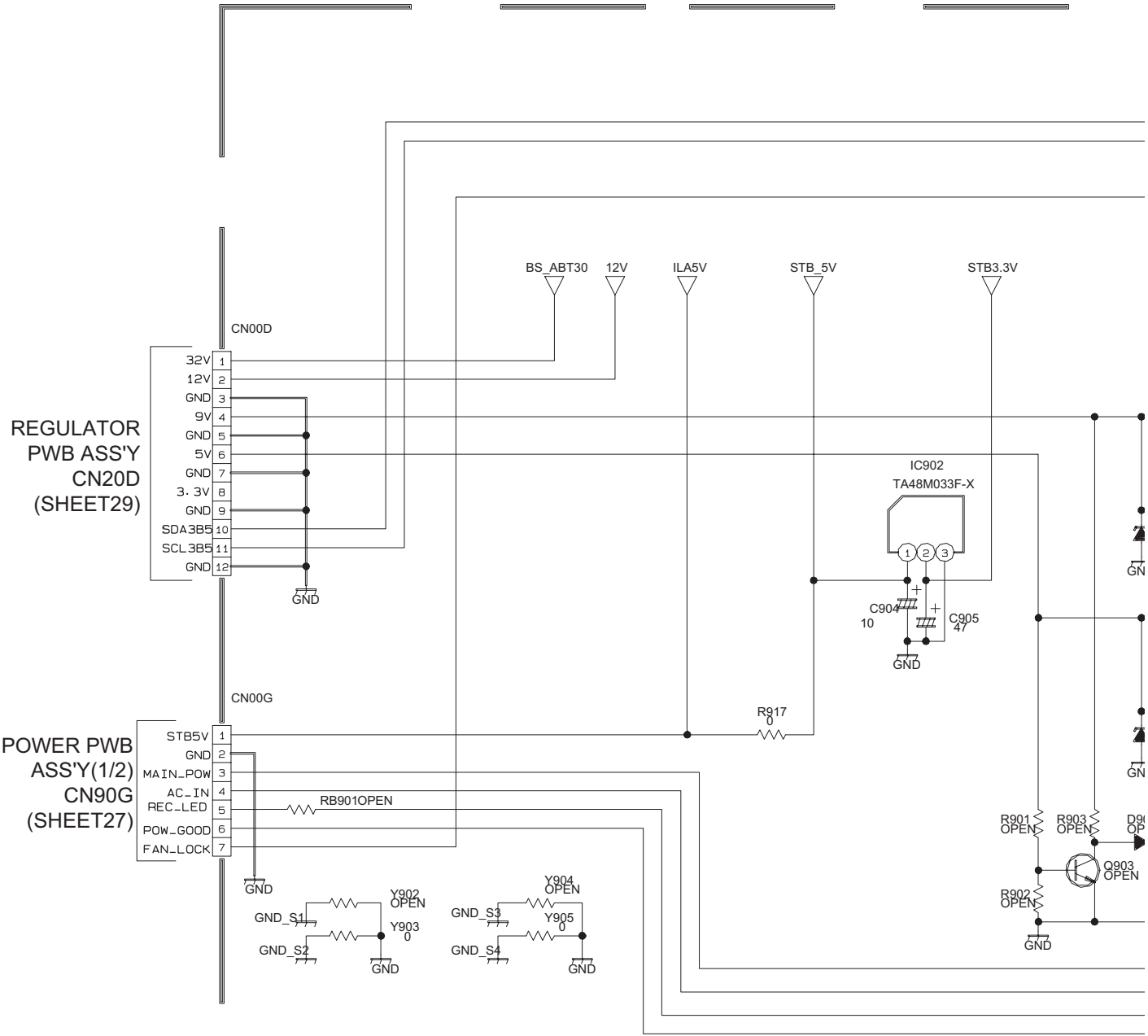


# ANALOG SIGNAL PWB CIRCUIT DIAGRAM (4/5) SHEET7



ANALOG SIGNAL PWB ASS'Y (4/5)  
 SRP-1022A-M2 [HD-61Z786,HD-61Z886]  
 SRP-1021A-M2 [HD-70G886]





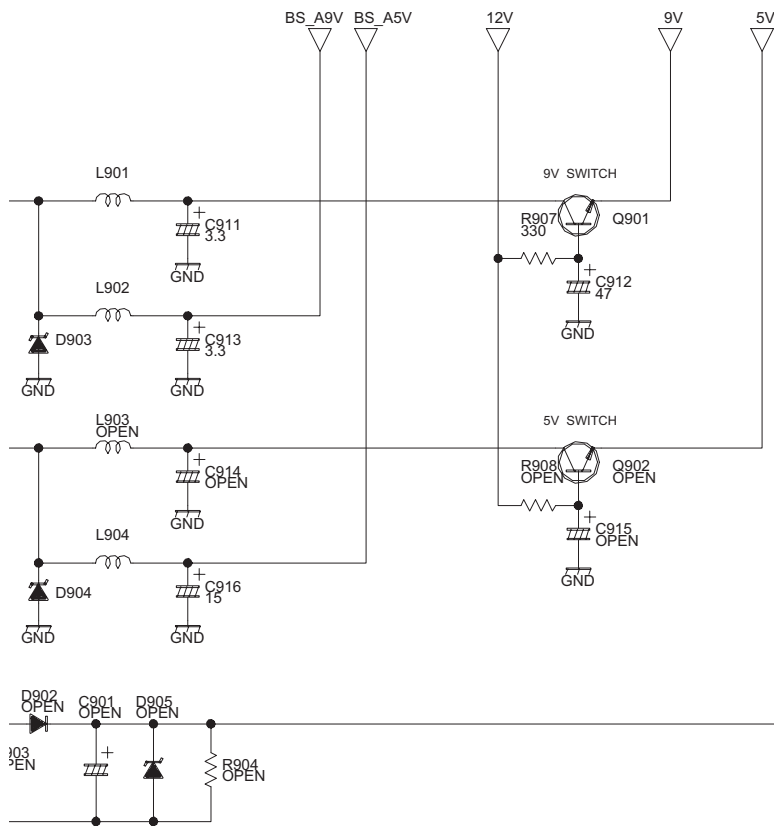
- NOTE -

|                  |
|------------------|
| 0 :NRSA63-0R0X   |
| *1 :NQR0415-005X |

SDA3B5  
SCL3B5

SHEET4,5,6

FAN\_LOCK - SHEET5



LB\_PRO5

SHEET5

MAIN\_POW

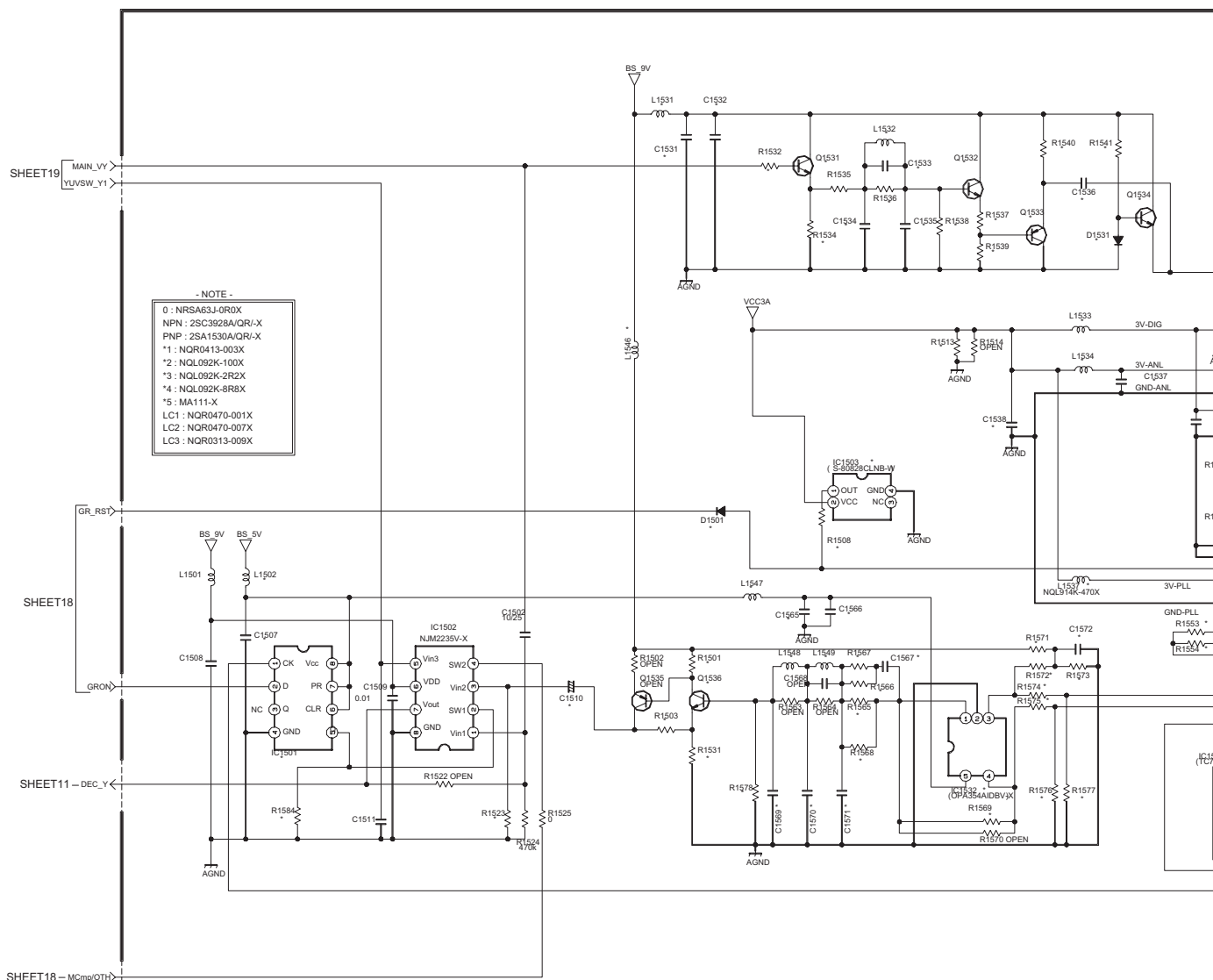
AC\_IN

REC\_LED

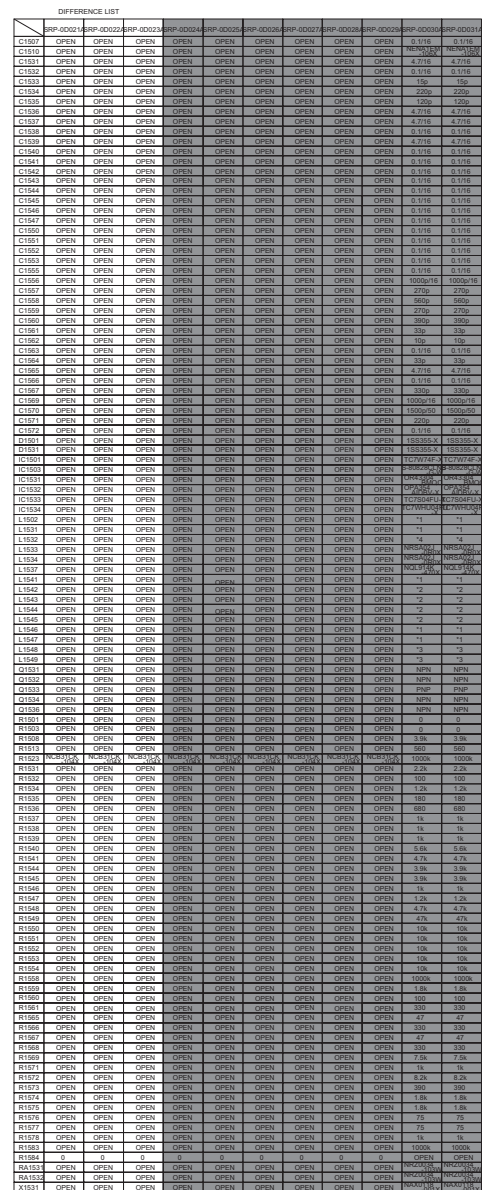
POW\_GOOD

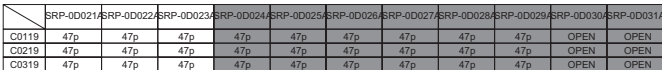
ANALOG SIGNAL PWB ASS'Y (5/5)  
SRP-1022A-M2 [HD-61Z786,HD-61Z886]  
SRP-1021A-M2 [HD-70G886]

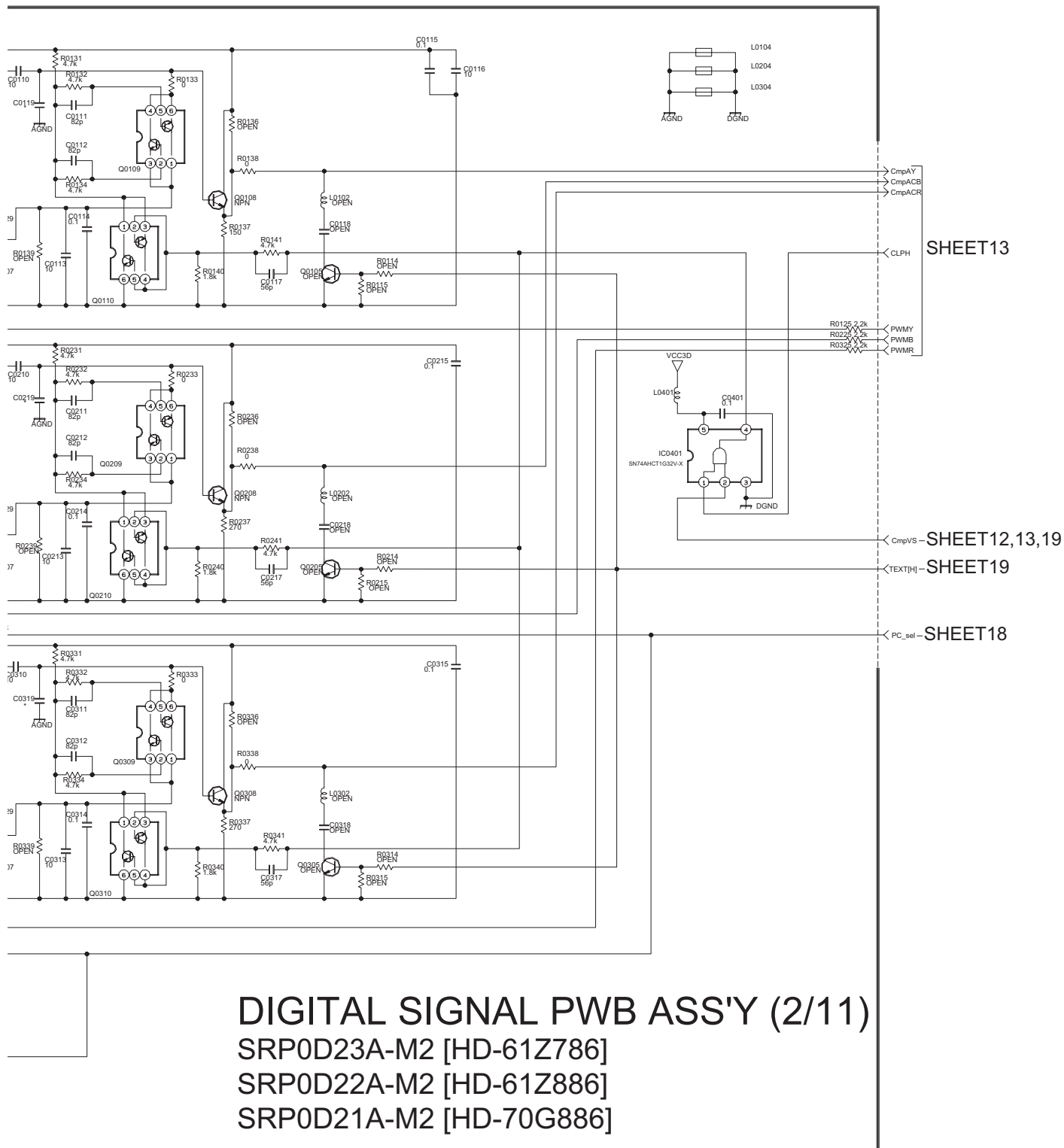




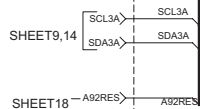
DIGITAL SIGNAL PWB ASS'Y (1/11)  
SRP0D23A-M2 [HD-61Z786]  
SRP0D22A-M2 [HD-61Z886]  
SRP0D21A-M2 [HD-70G886]

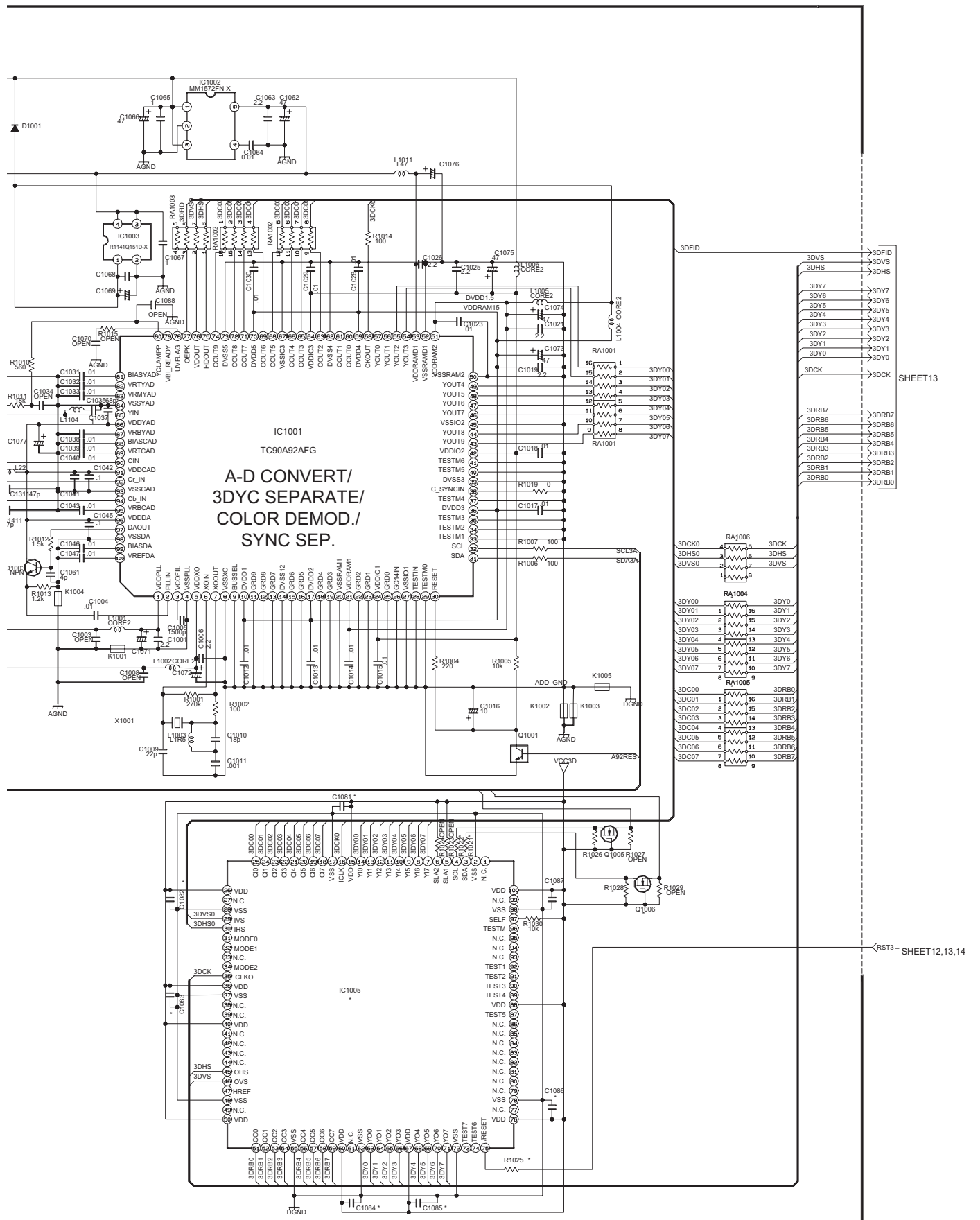




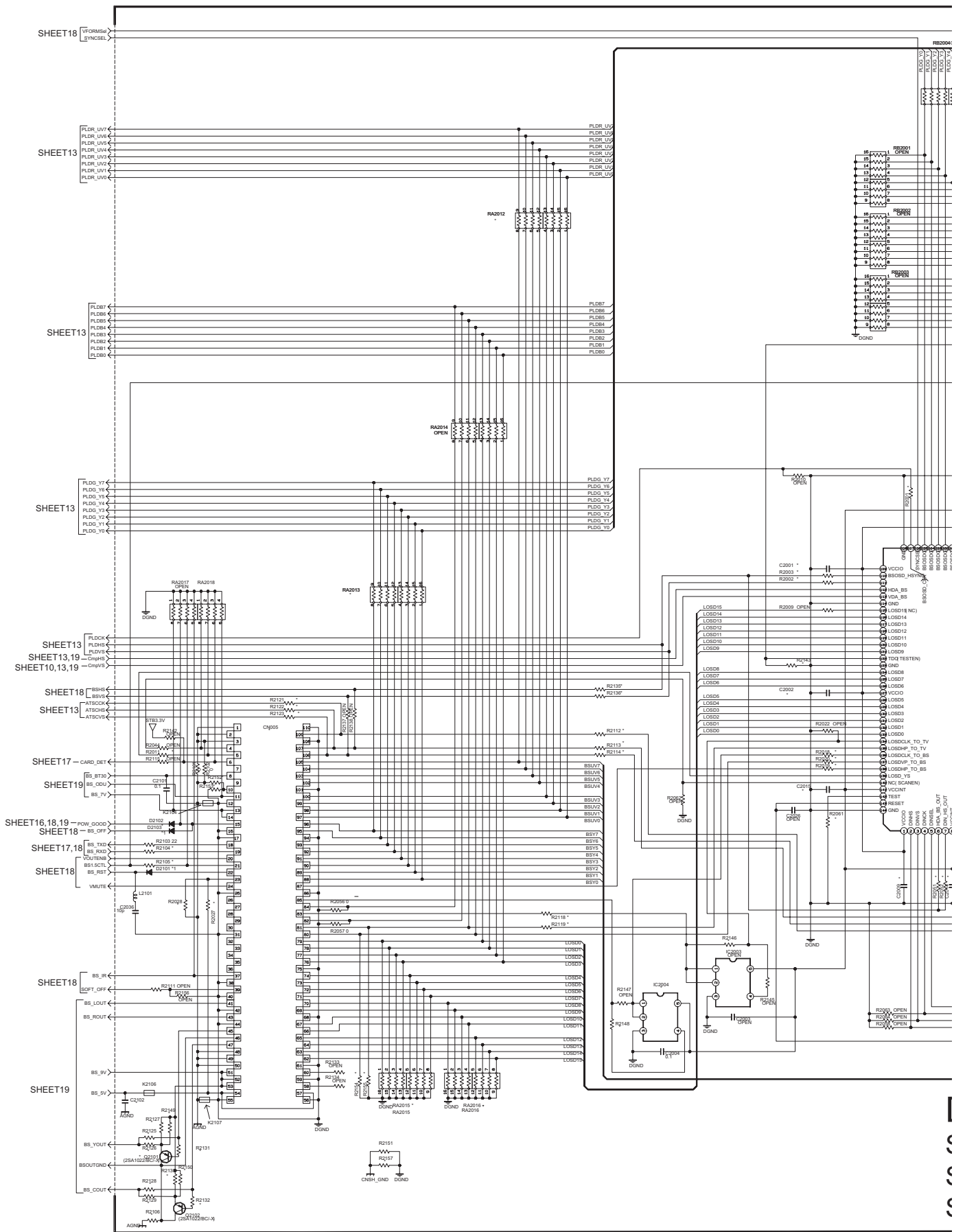


## SRP0D21A-M2 [HD-70G886]

[illegible]



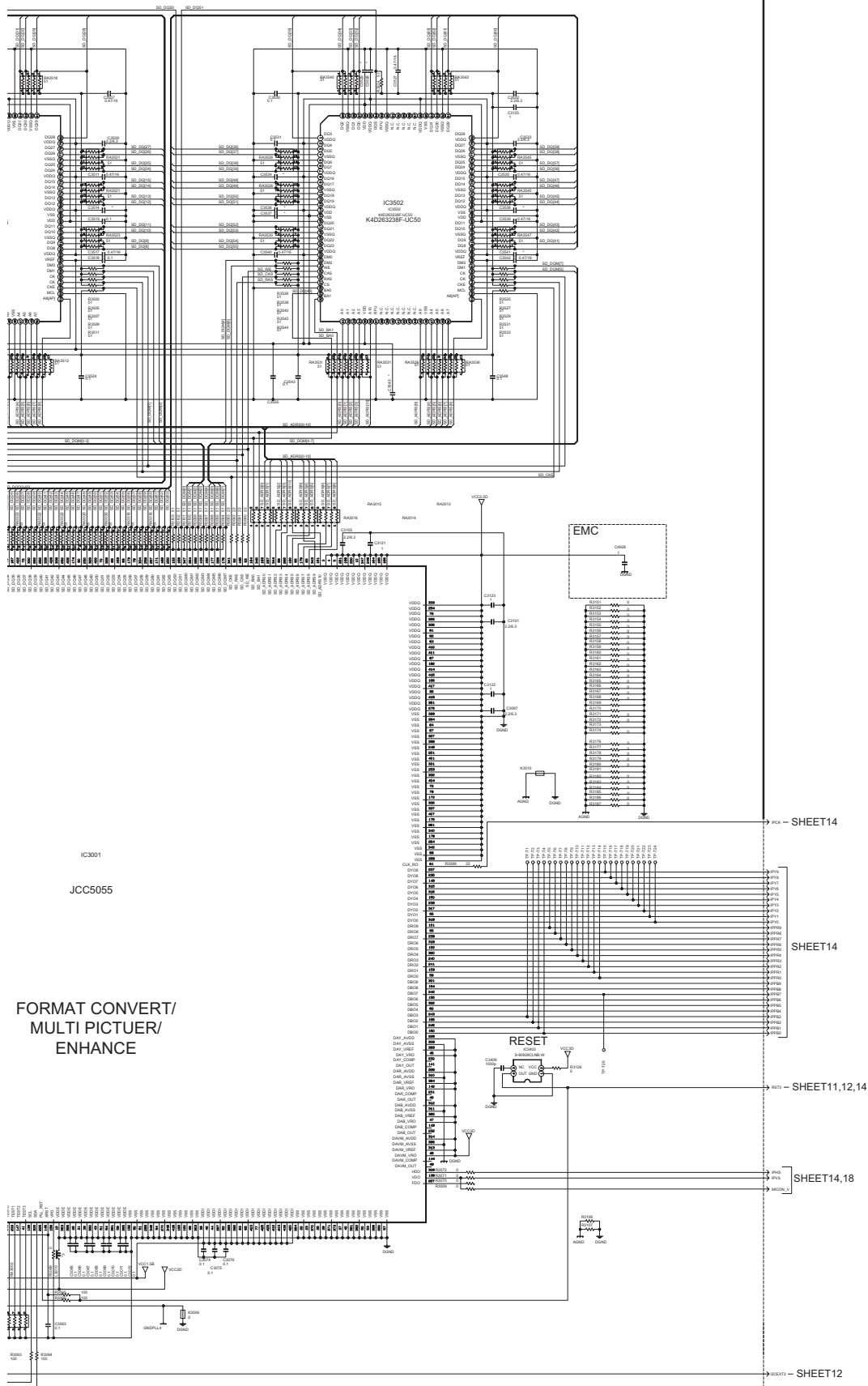
DIGITAL SIGNAL PWB CIRCUIT DIAGRAM (4/11) SHEET12



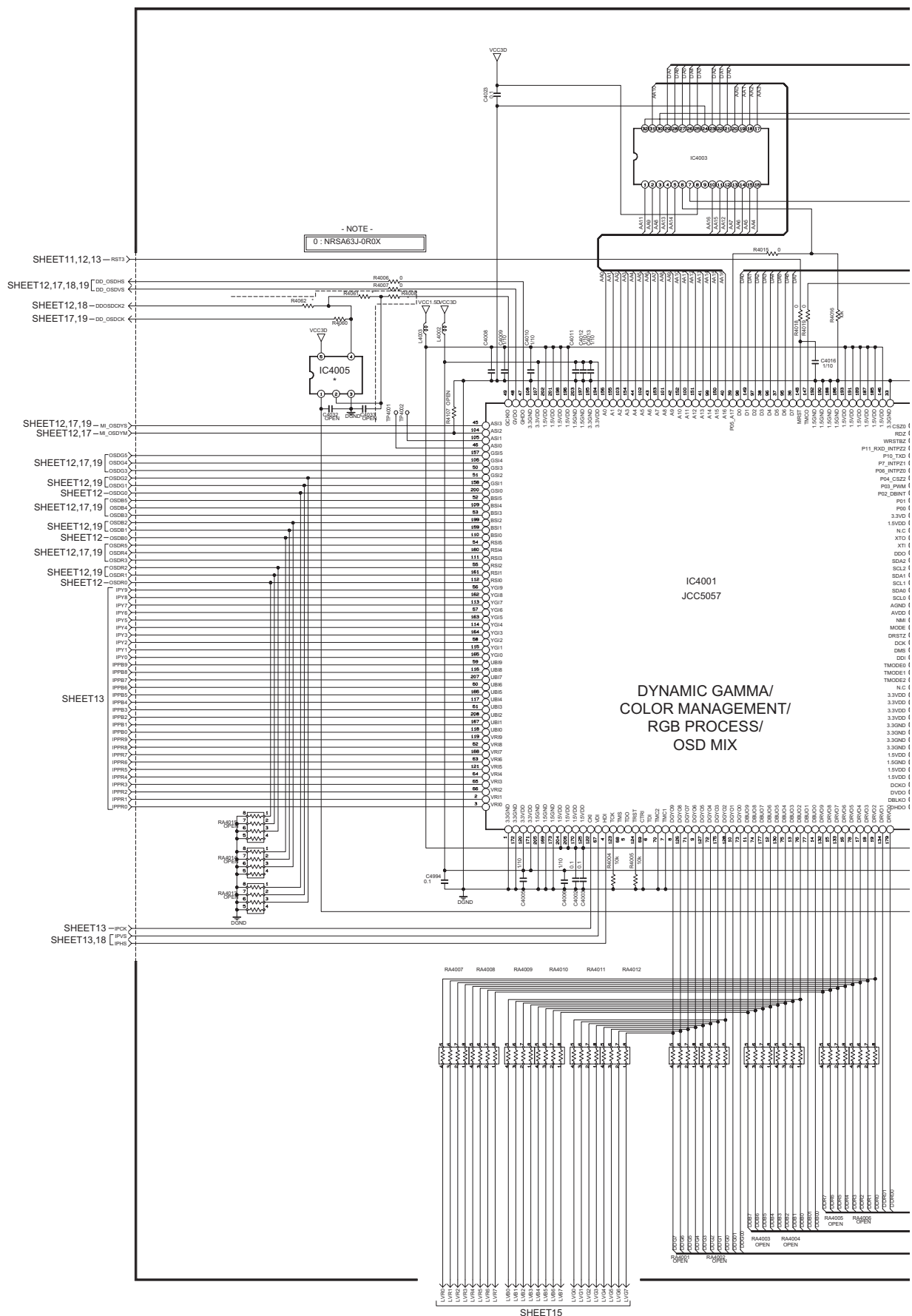


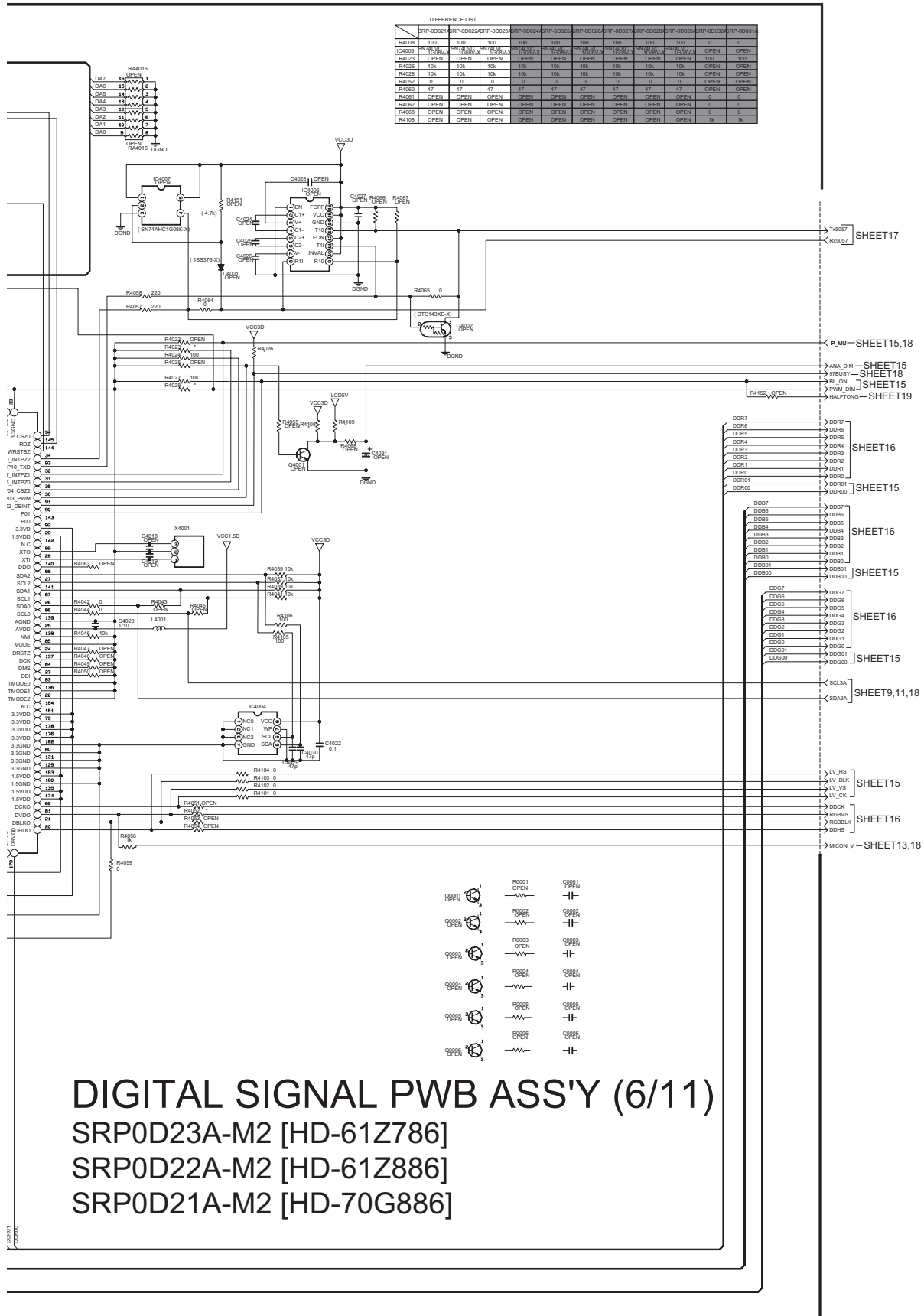






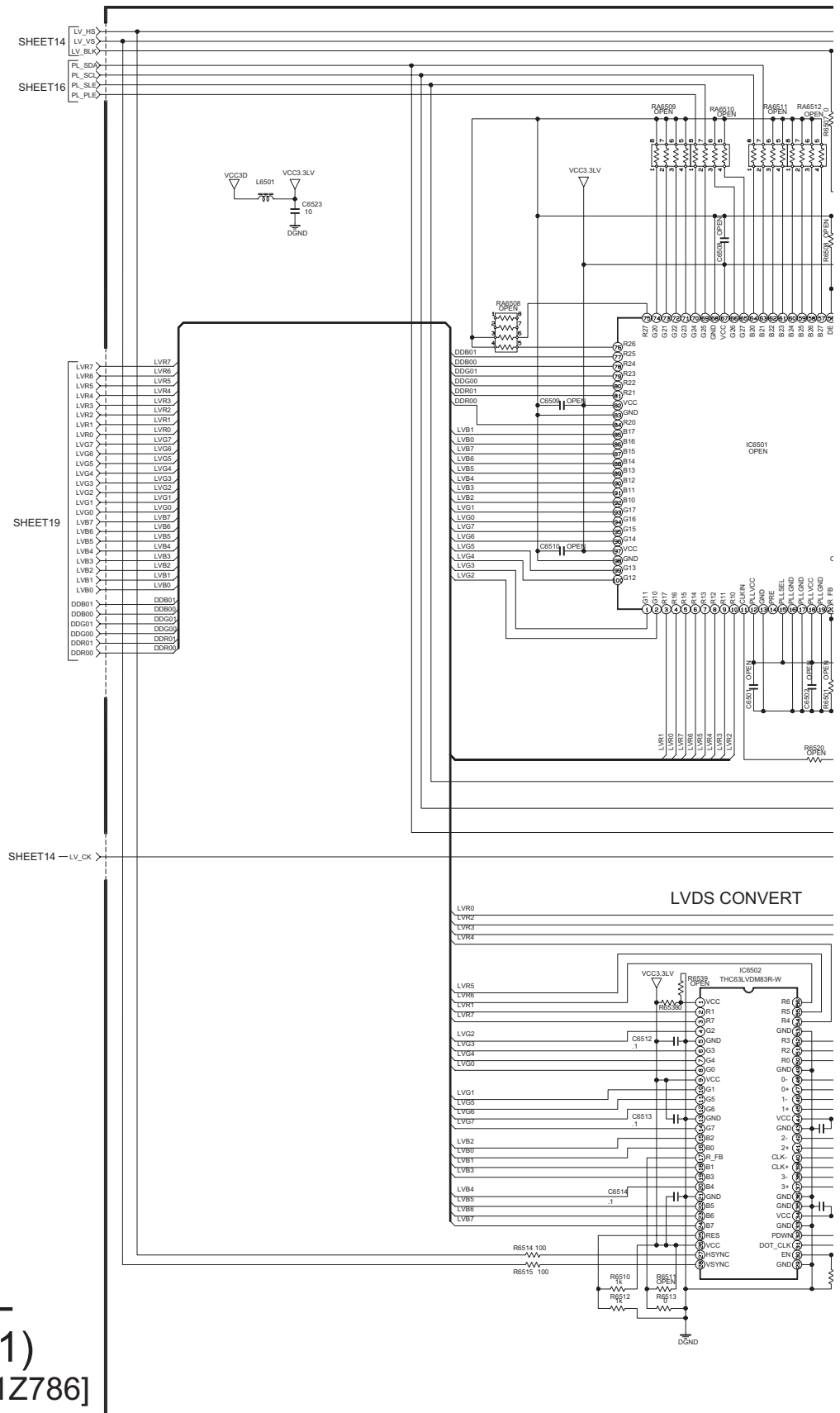
c10362001a003\_0216\_3/12\_0.0

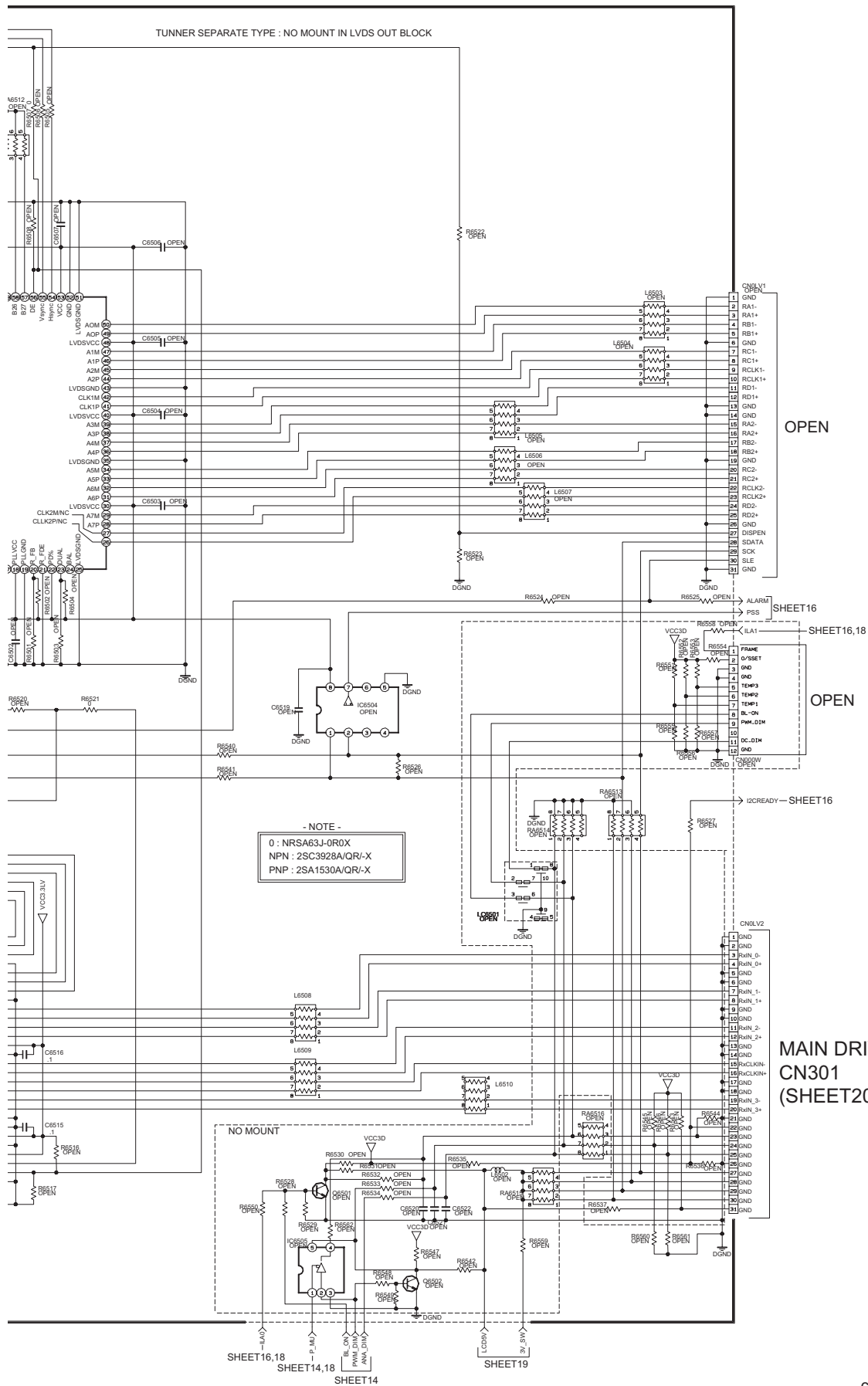




NOTE : Refer to the part list for the part number of IC4003 and IC4004.

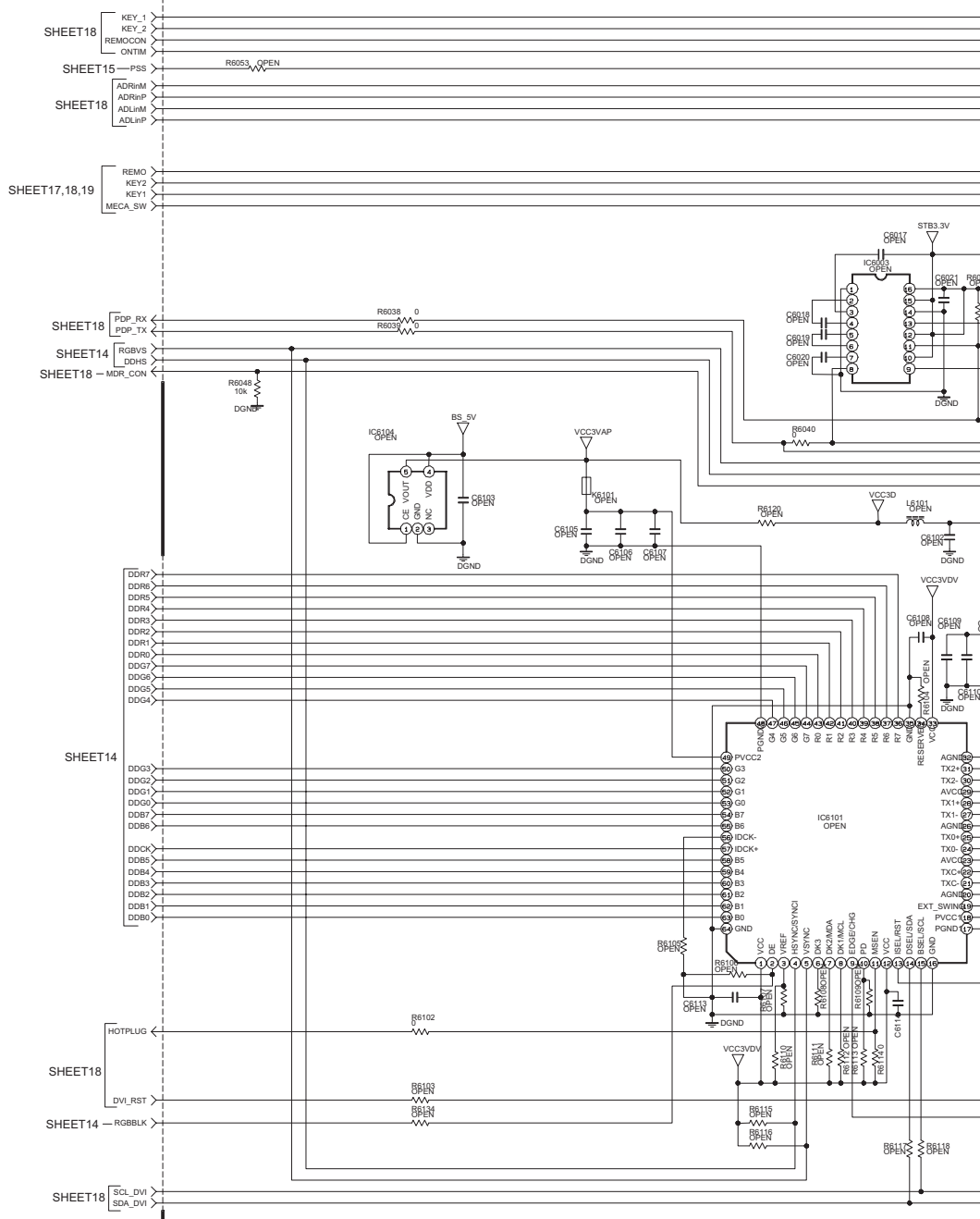
c10362001a004\_0216\_4/12\_0.0

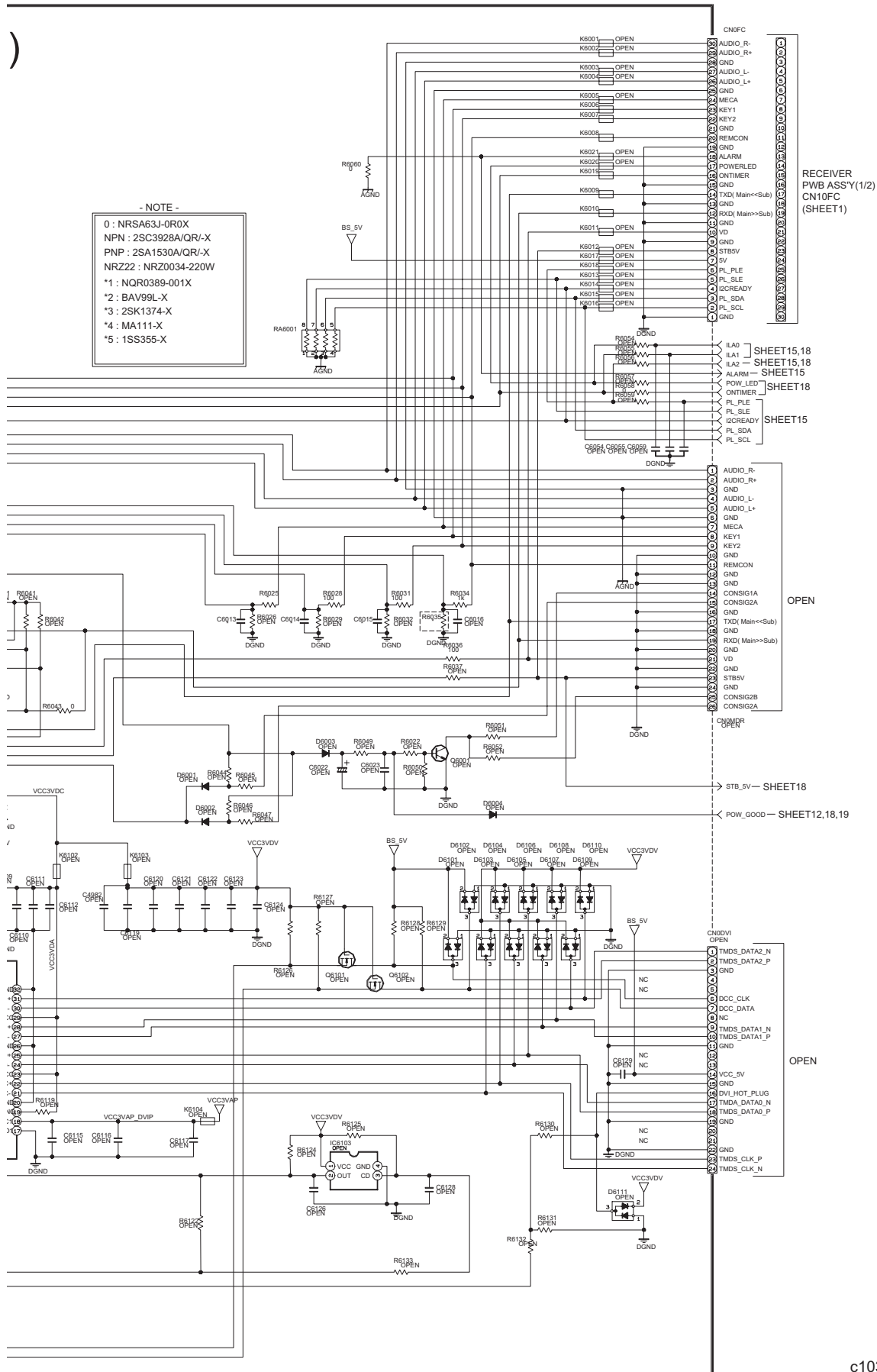




c10362001a007\_0216\_7/12\_0.0

## SRP0D21A-M2 [HD-70G886]

[illegible]





# DIGITAL SIGNAL PWB ASS'Y (9/11)

SRP0D23A-M2 [HD-61Z786]

SRP0D22A-M2 [HD-61Z886]

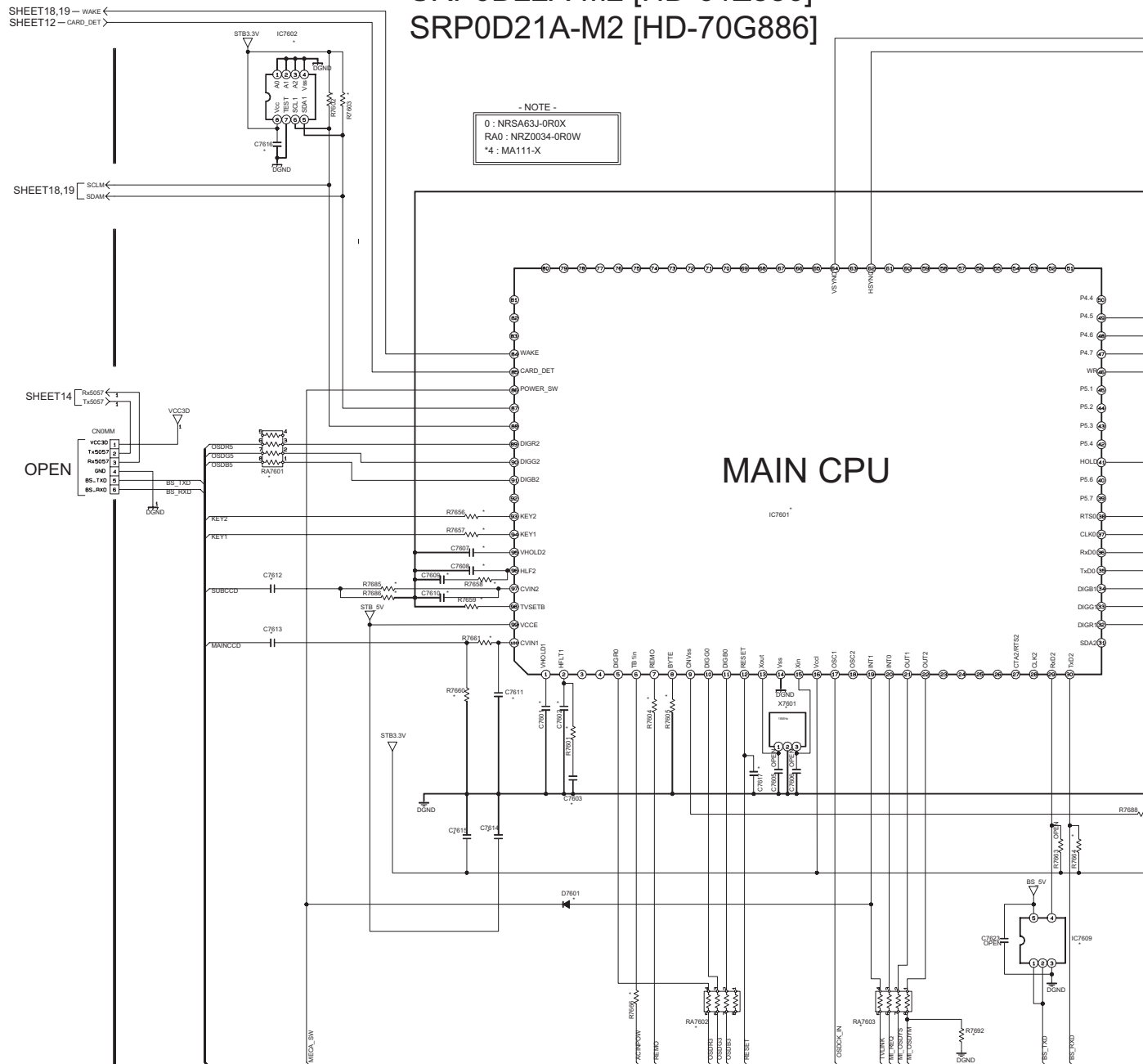
SRP0D21A-M2 [HD-70G886]

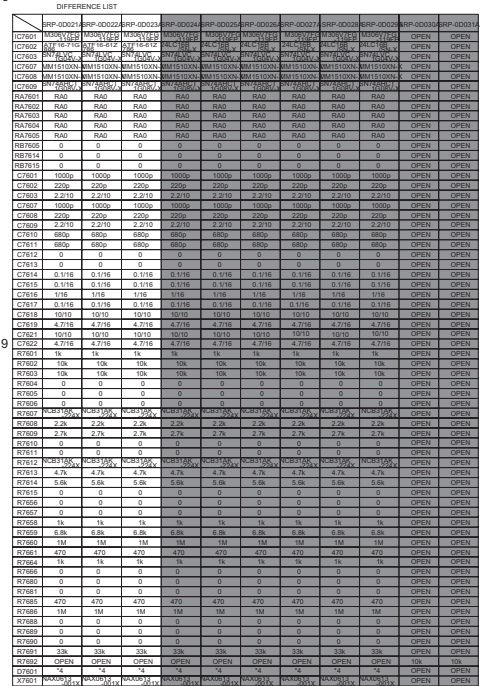
- NOTE -

0 : NRS463J-0R0X

RA0 : NR20034-0R0W

\*4 : MA111-X

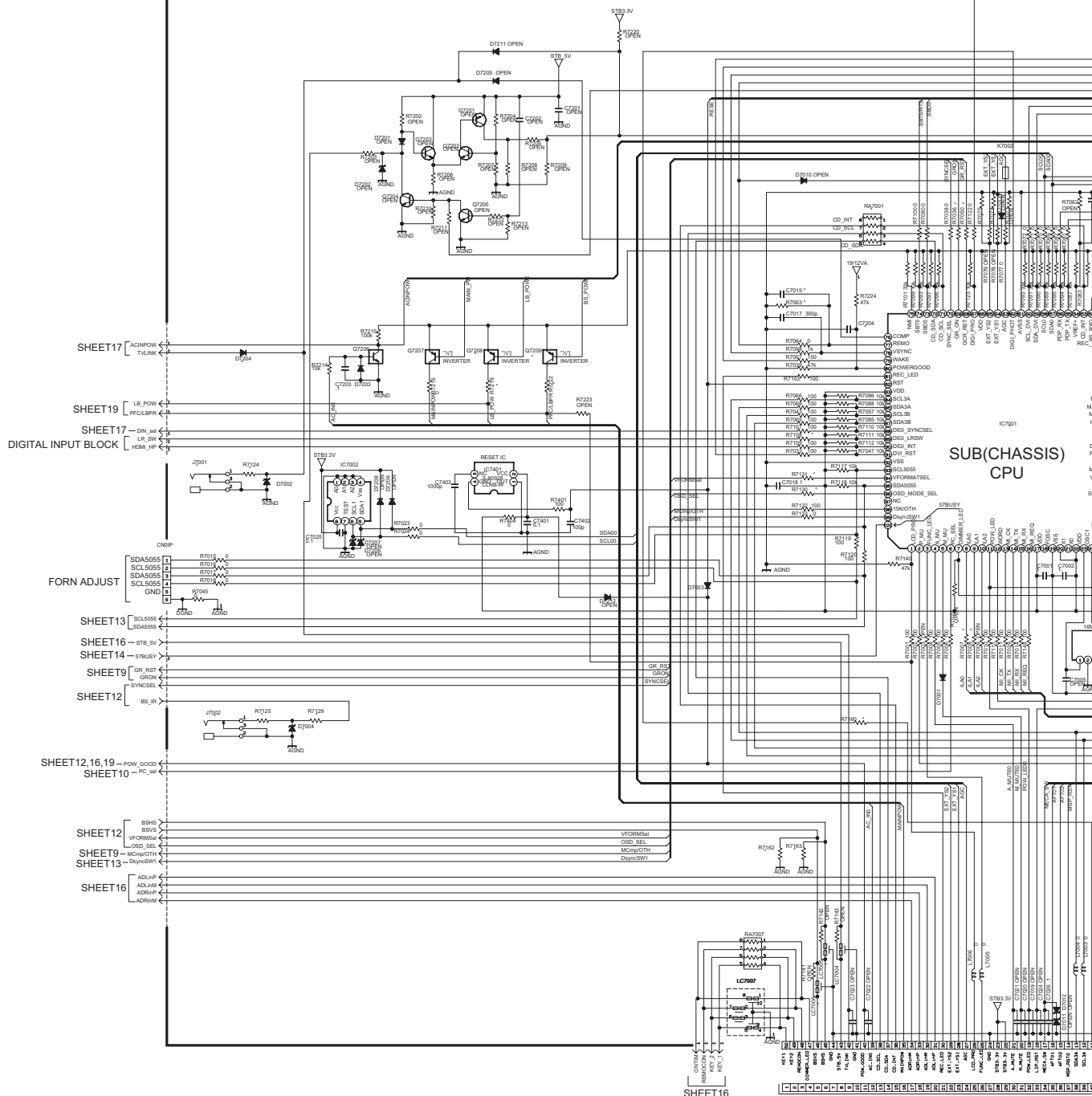


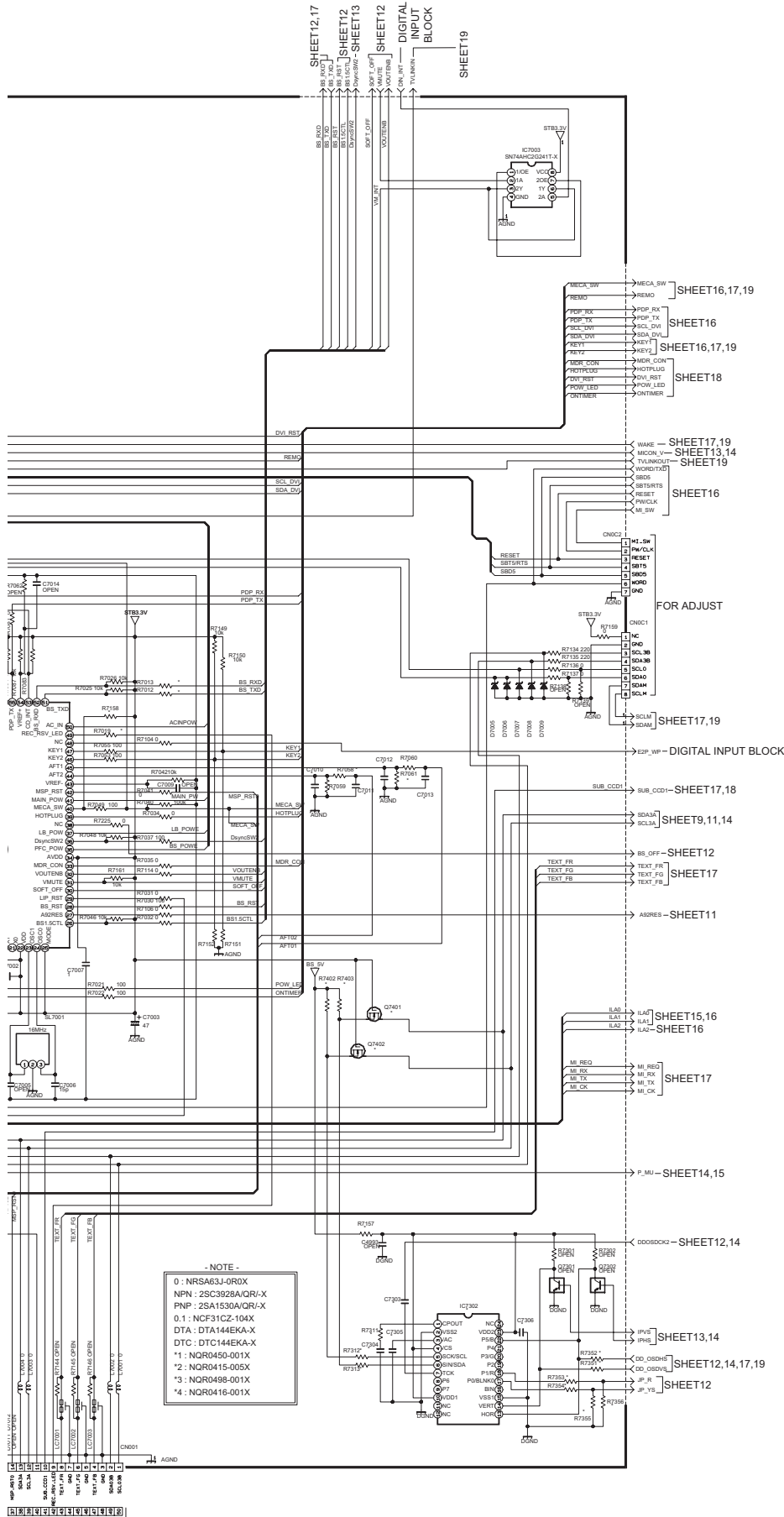


(No.YA247)2-42

## SRP0D21A-M2 [HD-70G886]

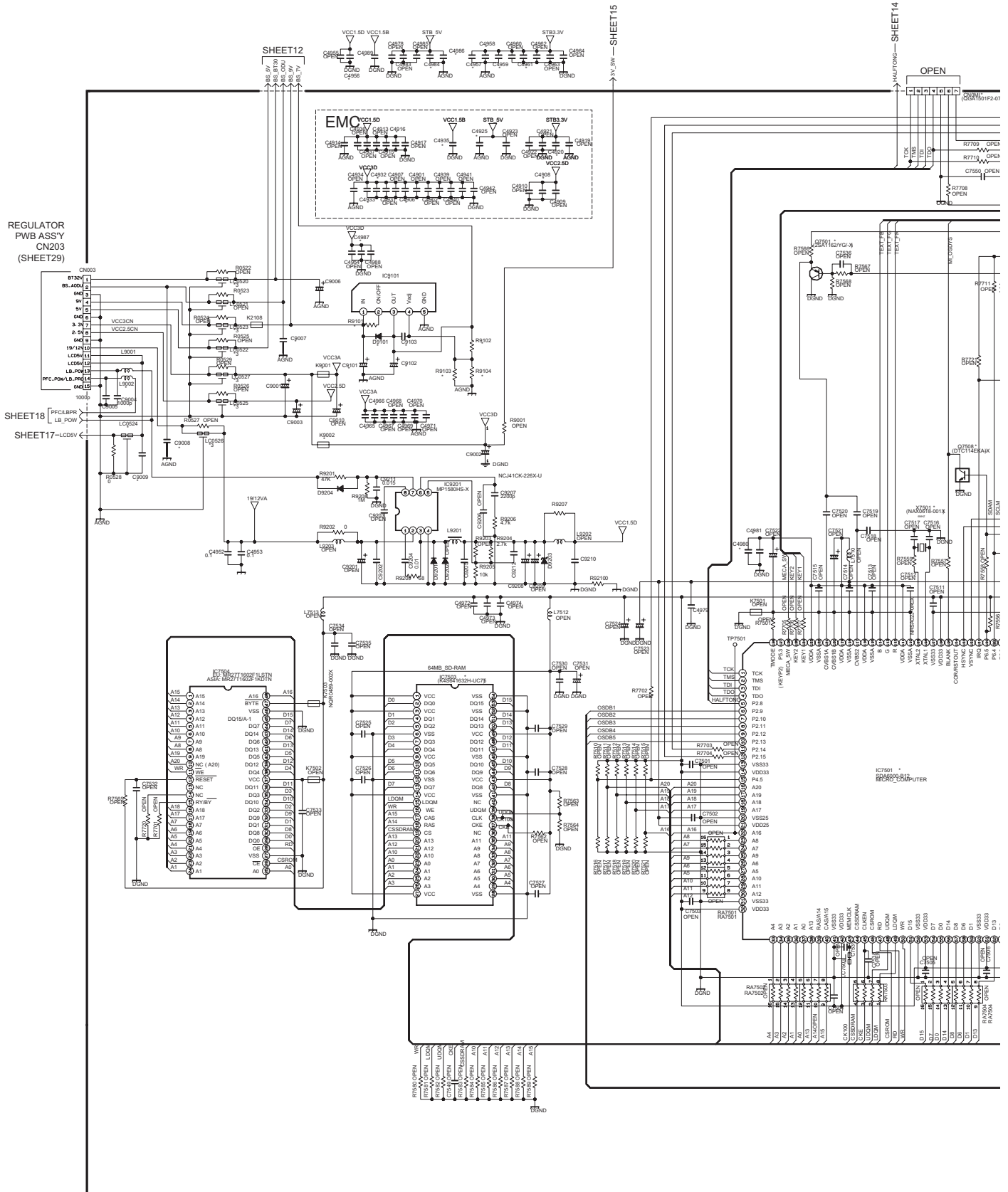
NOTE : Refer to the part list for the part number of IC7002.



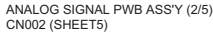


| DIFFERENCE LIST |  | 0001 | 0002 | 0003 | 0004 | 0005 | 0006 | 0007 | 0008 | 0009 | 0010 | 0011 | 0012 | 0013 | 0014 | 0015 | 0016 | 0017 | 0018 | 0019 | 0020 | 0021 | 0022 | 0023 | 0024 | 0025 | 0026 | 0027 | 0028 | 0029 | 0030 | 0031 | 0032 | 0033 | 0034 | 0035 | 0036 | 0037 | 0038 | 0039 | 0040 | 0041 | 0042 | 0043 | 0044 | 0045 | 0046 | 0047 | 0048 | 0049 | 0050 | 0051 | 0052 | 0053 | 0054 | 0055 | 0056 | 0057 | 0058 | 0059 | 0060 | 0061 | 0062 | 0063 | 0064 | 0065 | 0066 | 0067 | 0068 | 0069 | 0070 | 0071 | 0072 | 0073 | 0074 | 0075 | 0076 | 0077 | 0078 | 0079 | 0080 | 0081 | 0082 | 0083 | 0084 | 0085 | 0086 | 0087 | 0088 | 0089 | 0090 | 0091 | 0092 | 0093 | 0094 | 0095 | 0096 | 0097 | 0098 | 0099 | 0100 | 0101 | 0102 | 0103 | 0104 | 0105 | 0106 | 0107 | 0108 | 0109 | 0110 | 0111 | 0112 | 0113 | 0114 | 0115 | 0116 | 0117 | 0118 | 0119 | 0120 | 0121 | 0122 | 0123 | 0124 | 0125 | 0126 | 0127 | 0128 | 0129 | 0130 | 0131 | 0132 | 0133 | 0134 | 0135 | 0136 | 0137 | 0138 | 0139 | 0140 | 0141 | 0142 | 0143 | 0144 | 0145 | 0146 | 0147 | 0148 | 0149 | 0150 | 0151 | 0152 | 0153 | 0154 | 0155 | 0156 | 0157 | 0158 | 0159 | 0160 | 0161 | 0162 | 0163 | 0164 | 0165 | 0166 | 0167 | 0168 | 0169 | 0170 | 0171 | 0172 | 0173 | 0174 | 0175 | 0176 | 0177 | 0178 | 0179 | 0180 | 0181 | 0182 | 0183 | 0184 | 0185 | 0186 | 0187 | 0188 | 0189 | 0190 | 0191 | 0192 | 0193 | 0194 | 0195 | 0196 | 0197 | 0198 | 0199 | 0200 | 0201 | 0202 | 0203 | 0204 | 0205 | 0206 | 0207 | 0208 | 0209 | 0210 | 0211 | 0212 | 0213 | 0214 | 0215 | 0216 | 0217 | 0218 | 0219 | 0220 | 0221 | 0222 | 0223 | 0224 | 0225 | 0226 | 0227 | 0228 | 0229 | 0230 | 0231 | 0232 | 0233 | 0234 | 0235 | 0236 | 0237 | 0238 | 0239 | 0240 | 0241 | 0242 | 0243 | 0244 | 0245 | 0246 | 0247 | 0248 | 0249 | 0250 | 0251 | 0252 | 0253 | 0254 | 0255 | 0256 | 0257 | 0258 | 0259 | 0260 | 0261 | 0262 | 0263 | 0264 | 0265 | 0266 | 0267 | 0268 | 0269 | 0270 | 0271 | 0272 | 0273 | 0274 | 0275 | 0276 | 0277 | 0278 | 0279 | 0280 | 0281 | 0282 | 0283 | 0284 | 0285 | 0286 | 0287 | 0288 | 0289 | 0290 | 0291 | 0292 | 0293 | 0294 | 0295 | 0296 | 0297 | 0298 | 0299 | 0300 | 0301 | 0302 | 0303 | 0304 | 0305 | 0306 | 0307 | 0308 | 0309 | 0310 | 0311 | 0312 | 0313 | 0314 | 0315 | 0316 | 0317 | 0318 | 0319 | 0320 | 0321 | 0322 | 0323 | 0324 | 0325 | 0326 | 0327 | 0328 | 0329 | 0330 | 0331 | 0332 | 0333 | 0334 | 0335 | 0336 | 0337 | 0338 | 0339 | 0340 | 0341 | 0342 | 0343 | 0344 | 0345 | 0346 | 0347 | 0348 | 0349 | 0350 | 0351 | 0352 | 0353 | 0354 | 0355 | 0356 | 0357 | 0358 | 0359 | 0360 | 0361 | 0362 | 0363 | 0364 | 0365 | 0366 | 0367 | 0368 | 0369 | 0370 | 0371 | 0372 | 0373 | 0374 | 0375 | 0376 | 0377 | 0378 | 0379 | 0380 | 0381 | 0382 | 0383 | 0384 | 0385 | 0386 | 0387 | 0388 | 0389 | 0390 | 0391 | 0392 | 0393 | 0394 | 0395 | 0396 | 0397 | 0398 | 0399 | 0400 | 0401 | 0402 | 0403 | 0404 | 0405 | 0406 | 0407 | 0408 | 0409 | 0410 | 0411 | 0412 | 0413 | 0414 | 0415 | 0416 | 0417 | 0418 | 0419 | 0420 | 0421 | 0422 | 0423 | 0424 | 0425 | 0426 | 0427 | 0428 | 0429 | 0430 | 0431 | 0432 | 0433 | 0434 | 0435 | 0436 | 0437 | 0438 | 0439 | 0440 | 0441 | 0442 | 0443 | 0444 | 0445 | 0446 | 0447 | 0448 | 0449 | 0450 | 0451 | 0452 | 0453 | 0454 | 0455 | 0456 | 0457 | 0458 | 0459 | 0460 | 0461 | 0462 | 0463 | 0464 | 0465 | 0466 | 0467 | 0468 | 0469 | 0470 | 0471 | 0472 | 0473 | 0474 | 0475 | 0476 | 0477 | 0478 | 0479 | 0480 | 0481 | 0482 | 0483 | 0484 | 0485 | 0486 | 0487 | 0488 | 0489 | 0490 | 0491 | 0492 | 0493 | 0494 | 0495 | 0496 | 0497 | 0498 | 0499 | 0500 | 0501 | 0502 | 0503 | 0504 | 0505 | 0506 | 0507 | 0508 | 0509 | 0510 | 0511 | 0512 | 0513 | 0514 | 0515 | 0516 | 0517 | 0518 | 0519 | 0520 | 0521 | 0522 | 0523 | 0524 | 0525 | 0526 | 0527 | 0528 | 0529 | 0530 | 0531 | 0532 | 0533 | 0534 | 0535 | 0536 | 0537 | 0538 | 0539 | 0540 | 0541 | 0542 | 0543 | 0544 | 0545 | 0546 | 0547 | 0548 | 0549 | 0550 | 0551 | 0552 | 0553 | 0554 | 0555 | 0556 | 0557 | 0558 | 0559 | 0560 | 0561 | 0562 | 0563 | 0564 | 0565 | 0566 | 0567 | 0568 | 0569 | 0570 | 0571 | 0572 | 0573 | 0574 | 0575 | 0576 | 0577 | 0578 | 0579 | 0580 | 0581 | 0582 | 0583 | 0584 | 0585 | 0586 | 0587 | 0588 | 0589 | 0590 | 0591 | 0592 | 0593 | 0594 | 0595 | 0596 | 0597 | 0598 | 0599 | 0600 | 0601 | 0602 | 0603 | 0604 | 0605 | 0606 | 0607 | 0608 | 0609 | 0610 | 0611 | 0612 | 0613 | 0614 | 0615 | 0616 | 0617 | 0618 | 0619 | 0620 | 0621 | 0622 | 0623 | 0624 | 0625 | 0626 | 0627 | 0628 | 0629 | 0630 | 0631 | 0632 | 0633 | 0634 | 0635 | 0636 | 0637 | 0638 | 0639 | 0640 | 0641 | 0642 | 0643 | 0644 | 0645 | 0646 | 0647 | 0648 | 0649 | 0650 | 0651 | 0652 | 0653 | 0654 | 0655 | 0656 | 0657 | 0658 | 0659 | 0660 | 0661 | 0662 | 0663 | 0664 | 0665 | 0666 | 0667 | 0668 | 0669 | 0670 | 0671 | 0672 | 0673 | 0674 | 0675 | 0676 | 0677 | 0678 | 0679 | 0680 | 0681 | 0682 | 0683 | 0684 | 0685 | 0686 | 0687 | 0688 | 0689 | 0690 | 0691 | 0692 | 0693 | 0694 | 0695 | 0696 | 0697 | 0698 | 0699 | 0700 | 0701 | 0702 | 0703 | 0704 | 0705 | 0706 | 0707 | 0708 | 0709 | 0710 | 0711 | 0712 | 0713 | 0714 | 0715 | 0716 | 0717 | 0718 | 0719 | 0720 | 0721 | 0722 | 0723 | 0724 | 0725 | 0726 | 0727 | 0728 | 0729 | 0730 | 0731 | 0732 | 0733 | 0734 | 0735 | 0736 | 0737 | 0738 | 0739 | 0740 | 0741 | 0742 | 0743 | 0744 | 0745 | 0746 | 0747 | 0748 | 0749 | 0750 | 0751 | 0752 | 0753 | 0754 | 0755 | 0756 | 0757 | 0758 | 0759 | 0760 | 0761 | 0762 | 0763 | 0764 | 0765 | 0766 | 0767 | 0768 | 0769 | 0770 | 0771 | 0772 | 0773 | 0774 | 0775 | 0776 | 0777 | 0778 | 0779 | 0780 | 0781 | 0782 | 0783 | 0784 | 0785 | 0786 | 0787 | 0788 | 0789 | 0790 | 0791 | 0792 | 0793 | 0794 | 0795 | 0796 | 0797 | 0798 | 0799 | 0800 | 0801 | 0802 | 0803 | 0804 | 0805 | 0806 | 0807 | 0808 | 0809 | 0810 | 0811 | 0812 | 0813 | 0814 | 0815 | 0816 | 0817 | 0818 | 0819 | 0820 | 0821 | 0822 | 0823 | 0824 | 0825 | 0826 | 0827 | 0828 | 0829 | 0830 | 0831 | 0832 | 0833 | 0834 | 0835 | 0836 | 0837 | 0838 | 0839 | 0840 | 0841 | 0842 | 0843 | 0844 | 0845 | 0846 | 0847 | 0848 | 0849 | 0850 | 0851 | 0852 | 0853 | 0854 | 0855 | 0856 | 0857 | 0858 | 0859 | 0860 | 0861 | 0862 | 0863 | 0864 | 0865 | 0866 | 0867 | 0868 | 0869 | 0870 | 0871 | 0872 | 0873 | 0874 | 0875 | 0876 | 0877 | 0878 | 0879 | 0880 | 0881 | 0882 | 0883 | 0884 | 0885 | 0886 | 0887 | 0888 | 0889 | 0890 | 0891 | 0892 | 0893 | 0894 | 0895 | 0896 | 0897 | 0898 | 0899 | 0900 | 0901 | 0902 | 0903 | 0904 | 0905 | 0906 | 0907 | 0908 | 0909 | 0910 | 0911 | 0912 | 0913 | 0914 | 0915 | 0916 | 0917 | 0918 | 0919 | 0920 | 0921 | 0922 | 0923 | 0924 | 0925 | 0926 | 0927 | 0928 | 0929 | 0930 | 0931 | 0932 | 0933 | 0934 | 0935 | 0936 | 0937 | 0938 | 0939 | 0940 | 0941 | 0942 | 0943 | 0944 | 0945 | 0946 | 0947 | 0948 | 0949 | 0950 | 0951 | 0952 | 0953 | 0954 | 0955 | 0956 | 0957 | 0958 | 0959 | 0960 | 0961 | 0962 | 0963 | 0964 | 0965 | 0966 | 0967 | 0968 | 0969 | 0970 | 0971 | 0972 | 0973 | 0974 | 0975 | 0976 | 0977 | 0978 | 0979 | 0980 | 0981 | 0982 | 0983 | 0984 | 0985 | 0986 | 0987 | 0988 | 0989 | 0990 | 0991 | 0992 | 0993 | 0994 | 0995 | 0996 | 0997 | 0998 | 0999 | 1000 | 1001 | 1002 | 1003 | 1004 | 1005 | 1006 | 1007 | 1008 | 1009 | 1010 | 1011 | 1012 | 1013 | 1014 | 1015 | 1016 | 1017 | 1018 | 1019 | 1020 | 1021 | 1022 | 1023 | 1024 | 1025 | 1026 | 1027 | 1028 | 1029 | 1030 | 1031 | 1032 | 1033 | 1034 | 1035 | 1036 | 1037 | 1038 | 1039 | 1040 | 1041 | 1042 | 1043 | 1044 | 1045 | 1046 | 1047 | 1048 | 1049 | 1050 | 1051 | 1052 | 1053 | 1054 | 1055 | 1056 | 1057 | 1058 | 1059 | 1060 | 1061 | 1062 | 1063 | 1064 | 1065 | 1066 | 1067 | 1068 | 1069 | 1070 | 1071 | 1072 | 1073 | 1074 | 1075 | 1076 | 1077 | 1078 | 1079 | 1080 | 1081 | 1082 | 1083 | 1084 | 1085 | 1086 | 1087 | 1088 | 1089 | 1090 | 1091 | 1092 | 1093 | 1094 | 1095 | 1096 | 1097 | 1098 | 1099 | 1100 | 1101 | 1102 | 1103 | 1104 | 1105 | 1106 | 1107 | 1108 | 1109 | 1110 | 1111 | 1112 | 1113 | 1114 | 1115 | 1116 | 1117 | 1118 | 1119 | 1120 | 1121 | 1122 | 1123 | 1124 | 1125 | 1126 | 1127 | 1128 | 1129 | 1130 | 1131 | 1132 | 1133 | 1134 | 1135 | 1136 | 1137 | 1138 | 1139 | 1140 | 1141 | 1142 | 1143 | 1144 | 1145 | 1146 | 1147 | 1148 | 1149 | 1150 | 1151 | 1152 | 1153 | 1154 | 1155 | 1156 | 1157 | 1158 | 1159 | 1160 | 1161 | 1162 | 1163 | 1164 | 1165 | 1166 | 1167 | 1168 | 1169 | 1170 | 1171 | 1172 | 1173 | 1174 | 1175 | 1176 | 1177 | 1178 | 1179 | 1180 | 1181 | 1182 | 1183 | 1184 | 1185 | 1186 | 1187 | 1188 | 1189 | 1190 | 1191 | 1192 | 1193 | 1194 | 1195 | 1196 | 1197 | 1198 | 1199 | 1200 | 1201 | 1202 | 1203 | 1204 | 1205 | 1206 | 1207 | 1208 | 1209 | 1210 | 1211 | 1212 | 1213 | 1214 | 1215 | 1216 | 1217 | 1218 | 1219 | 1220 | 1221 | 1222 | 1223 | 1224 | 1225 | 1226 | 1227 | 1228 | 1229 | 1230 | 1231 | 1232 | 1233 | 1234 | 1235 | 1236 | 1237 | 1238 | 1239 | 1240 | 1241 | 1242 | 1243 | 1244 | 1245 | 1246 | 1247 | 1248 | 1249 | 1250 | 1251 | 1252 | 1253 | 1254 | 1255 | 1256 | 1257 | 1258 | 1259 | 1260 | 1261 | 1262 | 1263 | 1264 | 1265 | 1266 | 1267 | 1268 | 1269 | 1270 | 1271 | 1272 | 1273 | 1274 | 1275 | 1276 | 1277 | 1278 | 1279 | 1280 | 1281 | 1282 | 1283 | 1284 | 1285 | 1286 | 1287 | 1288 | 1289 | 1290 | 1291 | 1292 | 1293 | 1294 | 1295 | 1296 | 1297 | 1298 | 1299 | 1300 | 1301 | 1302 | 1303 | 1304 | 1305 | 1306 | 1307 | 1308 | 1309 | 1310 | 1311 | 1312 | 1313 | 1314 | 1315 | 1316 | 1317 | 1318 | 1319 | 1320 | 1321 | 1322 | 1323 | 1324 | 1325 | 1326 | 1327 | 1328 | 1329 | 1330 | 1331 | 1332 | 1333 | 1334 | 1335 | 1336 | 1337 | 1338 | 1339 | 1340 | 1341 | 1342 | 1343 | 1344 | 1345 | 1346 | 1347 | 1348 | 1349 | 1350 | 1351 | 1352 | 1353 | 1354 | 1355 | 1356 | 1357 | 1358 | 1 |
|-----------------|--|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|---|
|-----------------|--|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|---|

# DIGITAL SIGNAL PWB CIRCUIT DIAGRAM (11/11) SHEET19

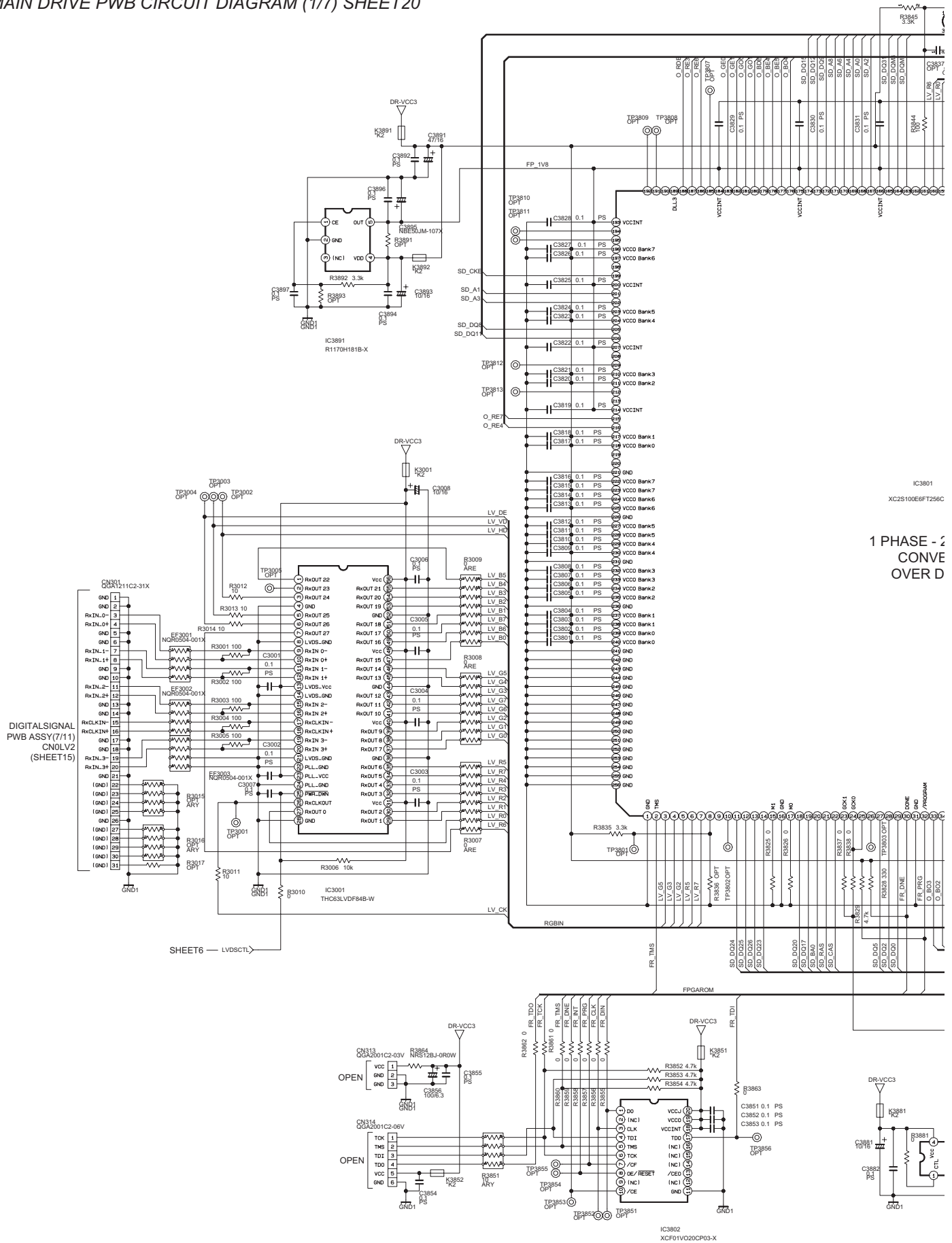


## SRP0D21A-M2 [HD-70G886]

[illegible]

c10362001a012 0216 12/12 0.0

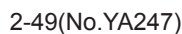
# MAIN DRIVE PWB CIRCUIT DIAGRAM (1/7) SHEET20

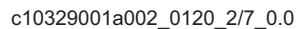




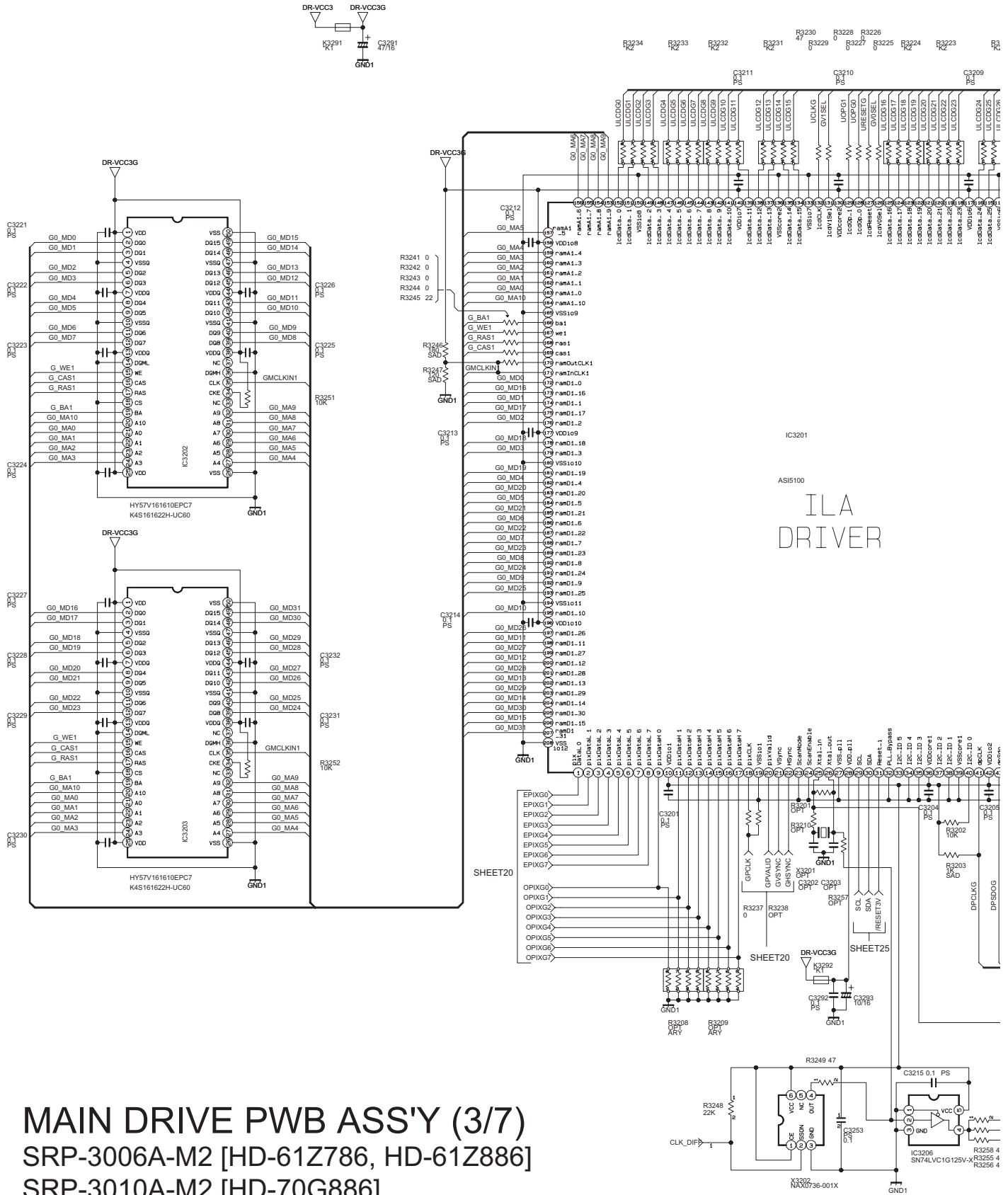


MAIN DRIVE PWB ASS'Y (2/7)  
SRP-3006A-M2 [HD-61Z786, HD-61Z886]  
SRP-3010A-M2 [HD-70G886]



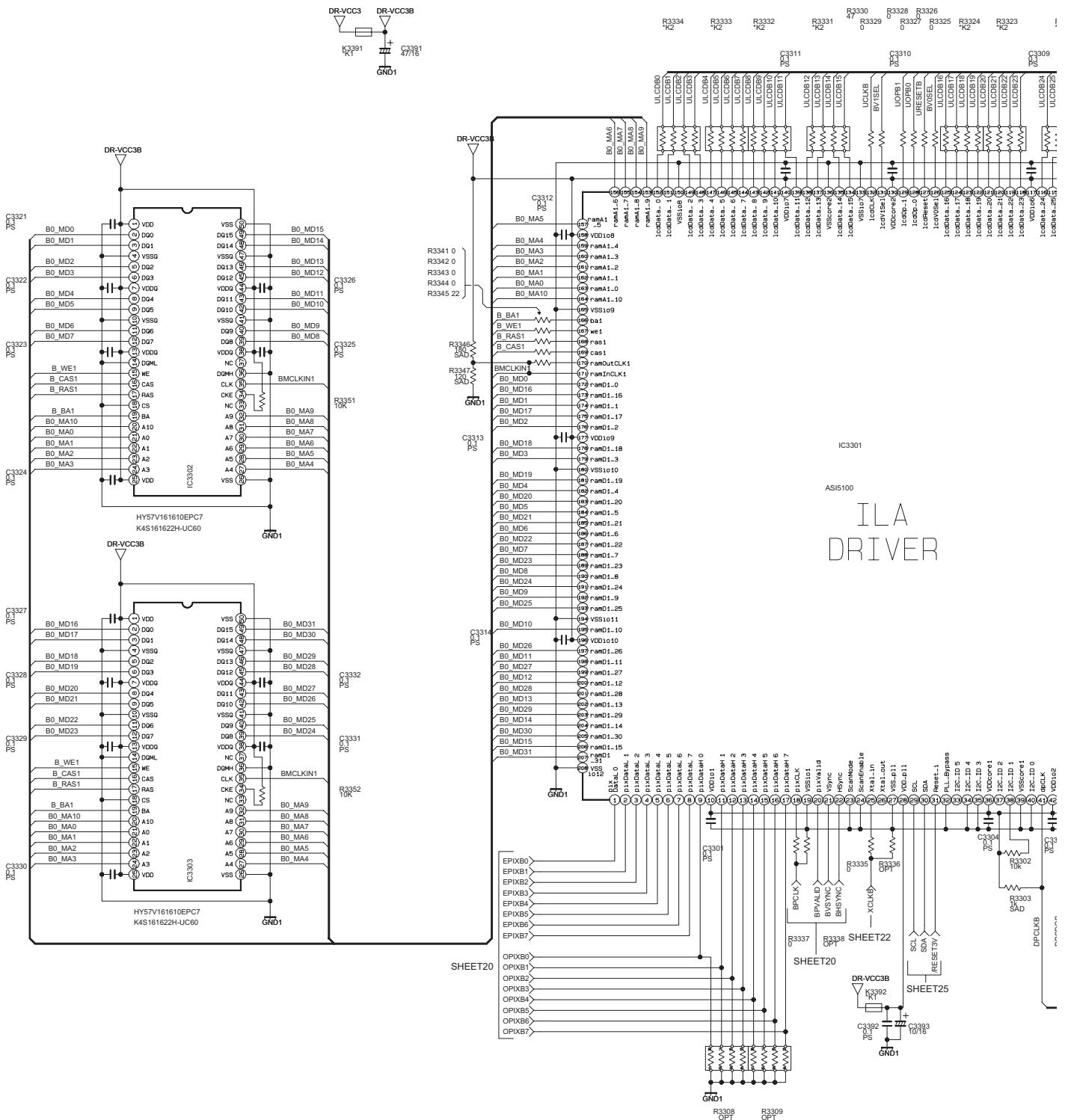


# MAIN DRIVE PWB CIRCUIT DIAGRAM (3/7) SHEET22



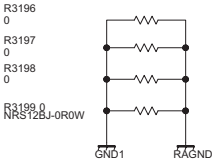


# MAIN DRIVE PWB CIRCUIT DIAGRAM (4/7) SHEET23

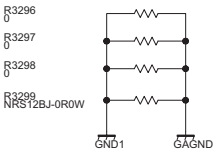
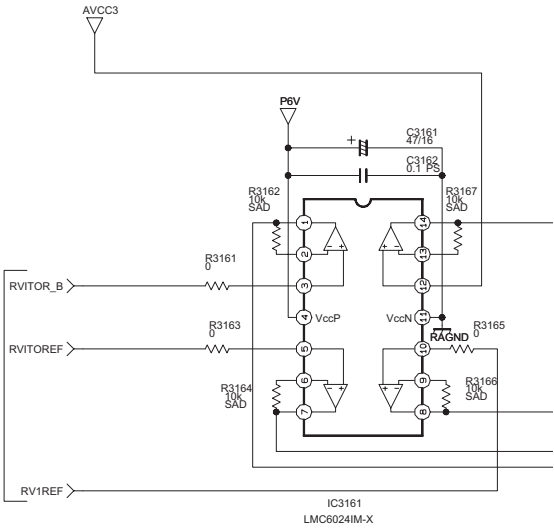


MAIN DRIVE PWB ASS'Y (4/7)  
 SRP-3006A-M2 [HD-61Z786, HD-61Z886]  
 SRP-3010A-M2 [HD-70G886]

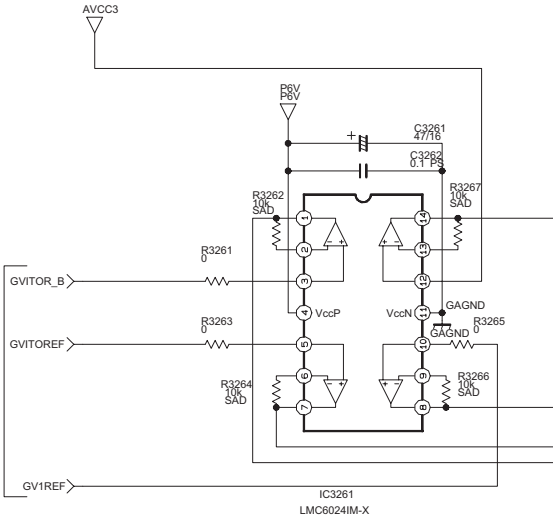




SHEET21

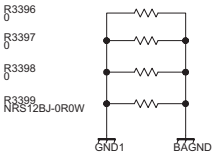


SHEET22

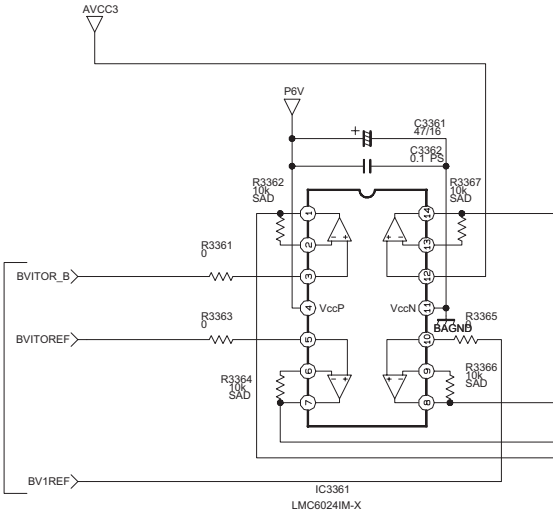


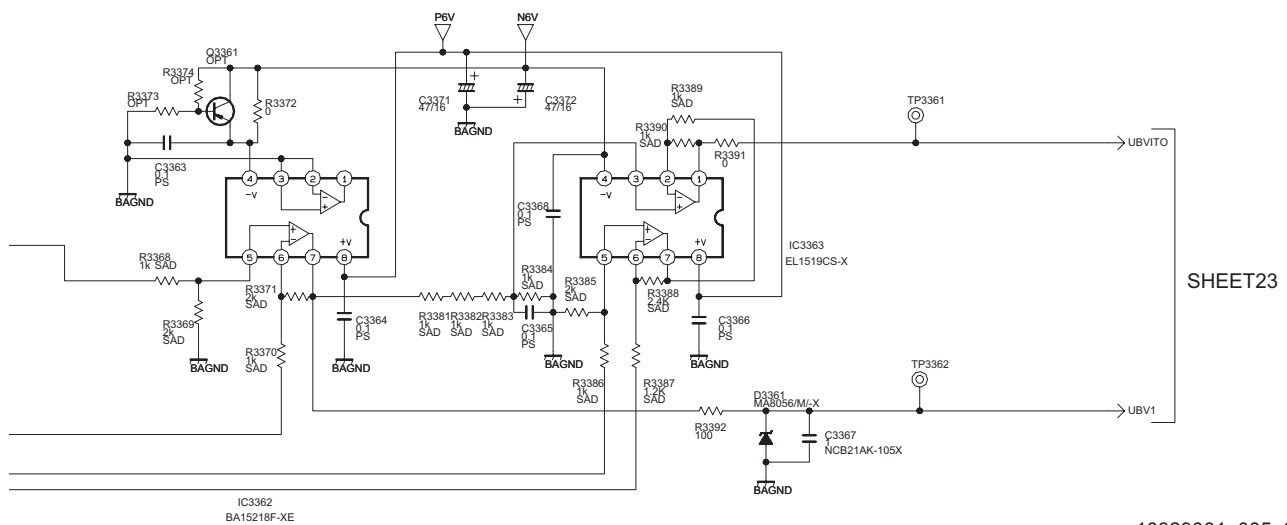
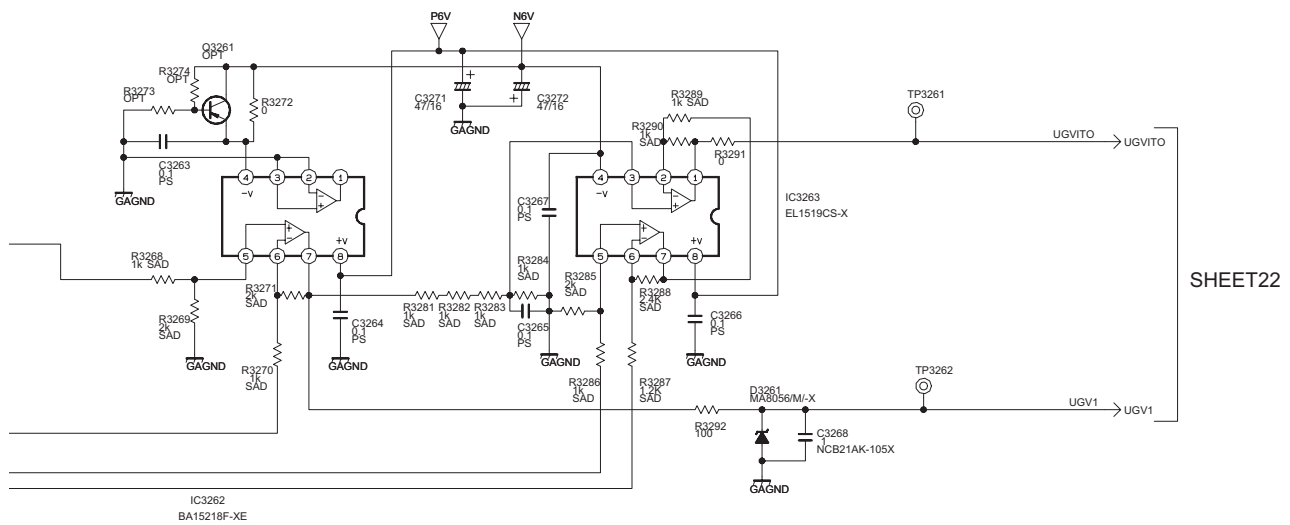
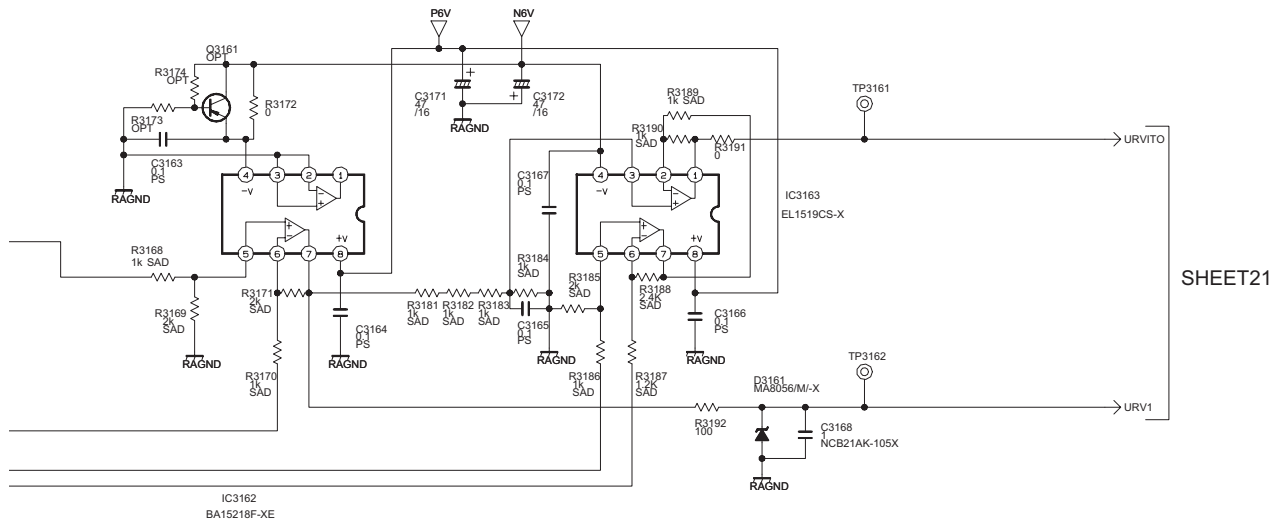
# MAIN DRIVE PWB ASS'Y (5/7)

SRP-3006A-M2 [HD-61Z786, HD-61Z886]  
SRP-3010A-M2 [HD-70G886]



SHEET23





c10329001a005\_0120\_5/7\_0.0

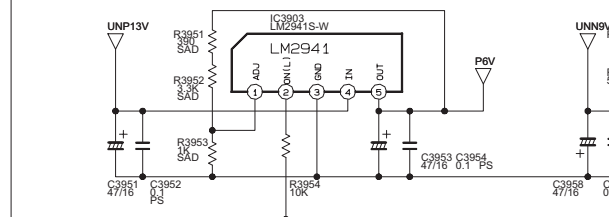
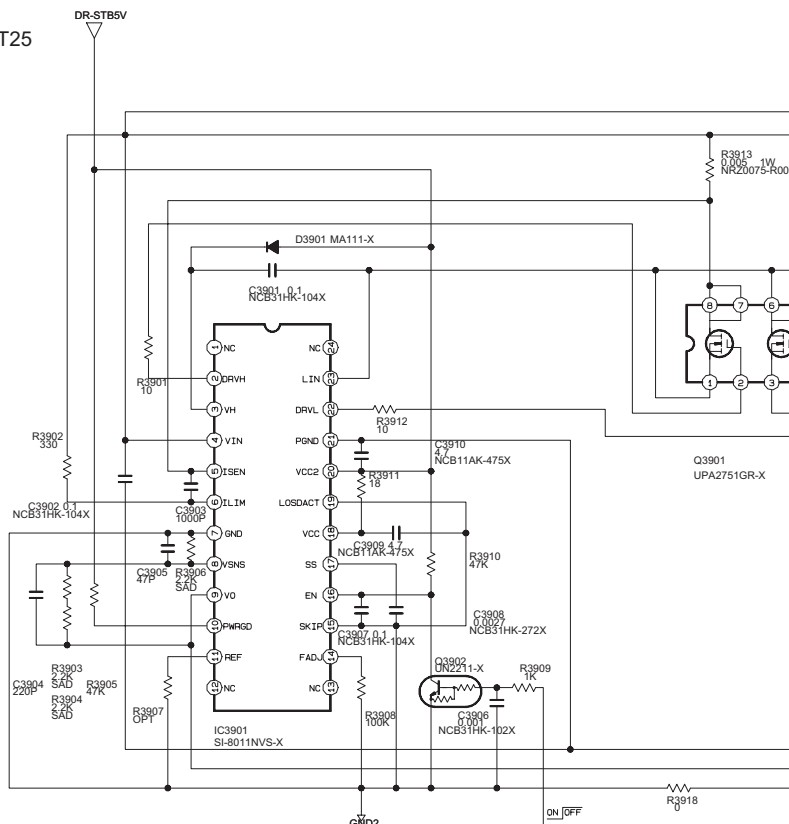
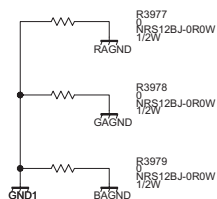
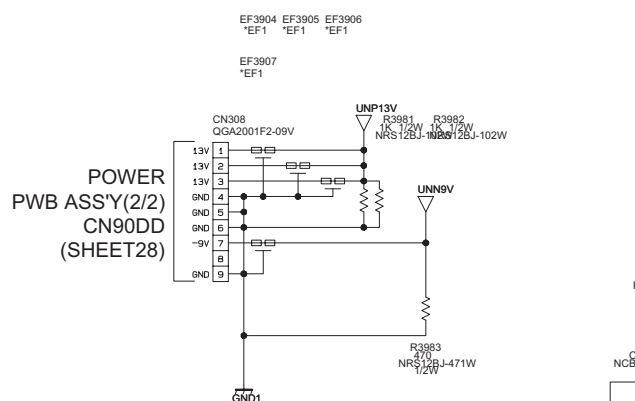
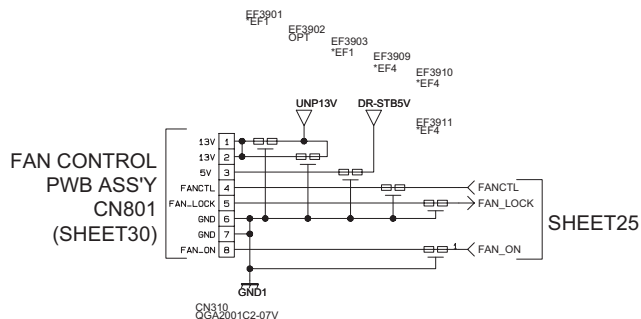




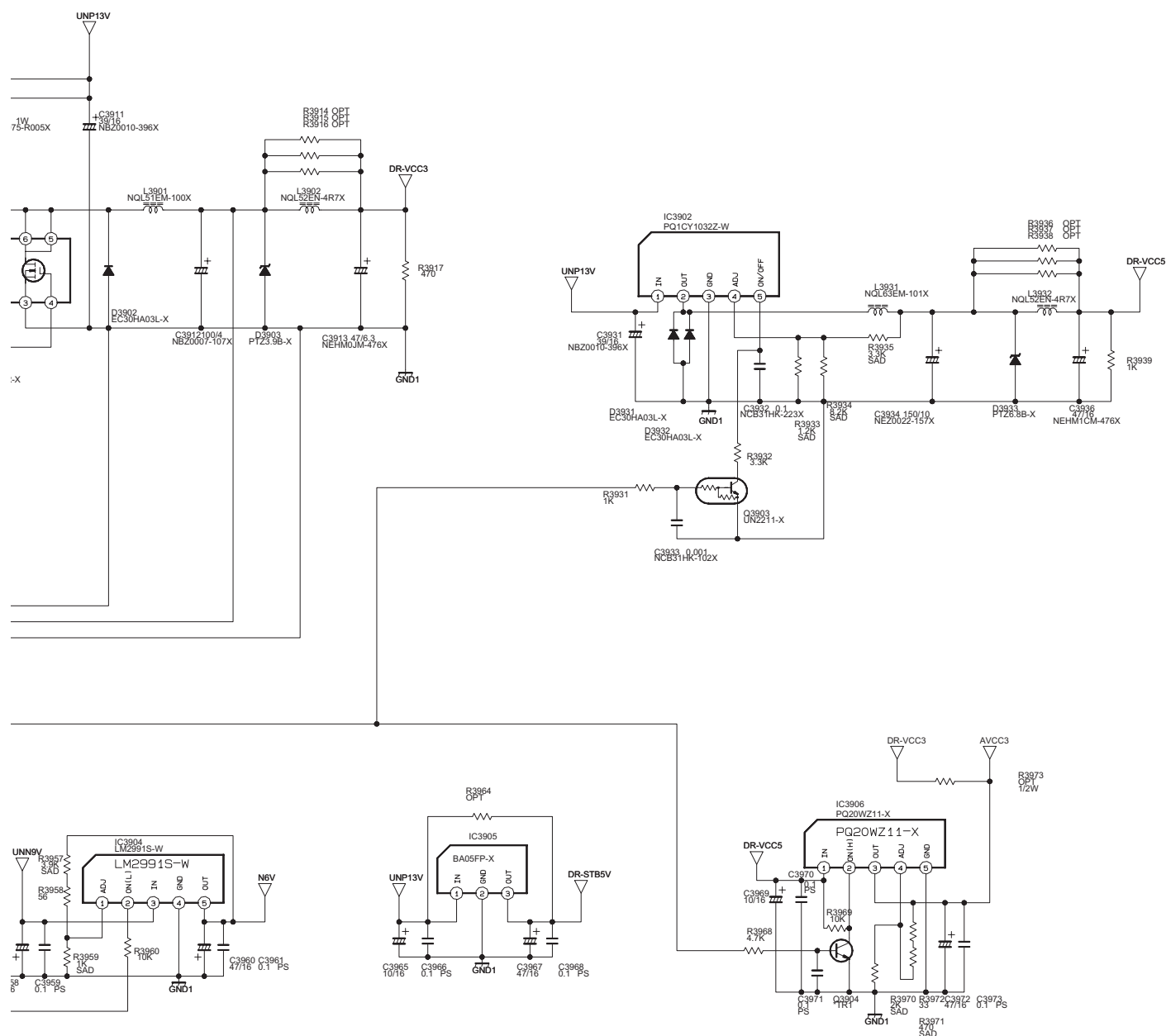
The schematic diagram illustrates the receiver section of the CN2307 PWB ASS'Y. It features a 16-pin connector at the top for signals: RAMP\_CTL, RAMP\_RTN, RAMP\_ON, and GND. The circuit includes several EF3701 and EF3702 components, along with resistors R3701 through R3716 and capacitors C3701 through C3709. A 10/16 pin header is connected to GND1. The diagram shows a complex network of resistors (R3717, R3718, R3719, R3720, R3721, R3722, R3723, R3724, R3725, R3726, R3727, R3728, R3729, R3730, R3731, R3732, R3733, R3734, R3735, R3736, R3737, R3738, R3739, R3740, R3741, R3742, R3743, R3744, R3745, R3746, R3747, R3748, R3749, R3750, R3751, R3752, R3753, R3754, R3755, R3756, R3757, R3758, R3759, R3760, R3761, R3762, R3763, R3764, R3765, R3766, R3767, R3768, R3769, R3770, R3771, R3772, R3773, R3774, R3775, R3776, R3777, R3778, R3779, R3780, R3781, R3782, R3783, R3784, R3785, R3786, R3787, R3788, R3789, R3790, R3791, R3792, R3793, R3794, R3795, R3796, R3797, R3798, R3799, R3800, R3801, R3802, R3803, R3804, R3805, R3806, R3807, R3808, R3809, R3810, R3811, R3812, R3813, R3814, R3815, R3816, R3817, R3818, R3819, R3820, R3821, R3822, R3823, R3824, R3825, R3826, R3827, R3828, R3829, R3830, R3831, R3832, R3833, R3834, R3835, R3836, R3837, R3838, R3839, R3840, R3841, R3842, R3843, R3844, R3845, R3846, R3847, R3848, R3849, R3850, R3851, R3852, R3853, R3854, R3855, R3856, R3857, R3858, R3859, R3860, R3861, R3862, R3863, R3864, R3865, R3866, R3867, R3868, R3869, R3870, R3871, R3872, R3873, R3874, R3875, R3876, R3877, R3878, R3879, R3880, R3881, R3882, R3883, R3884, R3885, R3886, R3887, R3888, R3889, R3890, R3891, R3892, R3893, R3894, R3895, R3896, R3897, R3898, R3899, R3900, R3901, R3902, R3903, R3904, R3905, R3906, R3907, R3908, R3909, R3910, R3911, R3912, R3913, R3914, R3915, R3916, R3917, R3918, R3919, R3920, R3921, R3922, R3923, R3924, R3925, R3926, R3927, R3928, R3929, R3930, R3931, R3932, R3933, R3934, R3935, R3936, R3937, R3938, R3939, R3940, R3941, R3942, R3943, R3944, R3945, R3946, R3947, R3948, R3949, R3950, R3951, R3952, R3953, R3954, R3955, R3956, R3957, R3958, R3959, R3960, R3961, R3962, R3963, R3964, R3965, R3966, R3967, R3968, R3969, R3970, R3971, R3972, R3973, R3974, R3975, R3976, R3977, R3978, R3979, R3980, R3981, R3982, R3983, R3984, R3985, R3986, R3987, R3988, R3989, R3990, R3991, R3992, R3993, R3994, R3995, R3996, R3997, R3998, R3999, R4000, R4001, R4002, R4003, R4004, R4005, R4006, R4007, R4008, R4009, R4010, R4011, R4012, R4013, R4014, R4015, R4016, R4017, R4018, R4019, R4020, R4021, R4022, R4023, R4024, R4025, R4026, R4027, R4028, R4029, R4030, R4031, R4032, R4033, R4034, R4035, R4036, R4037, R4038, R4039, R4040, R4041, R4042, R4043, R4044, R4045, R4046, R4047, R4048, R4049, R4050, R4051, R4052, R4053, R4054, R4055, R4056, R4057, R4058, R4059, R4060, R4061, R4062, R4063, R4064, R4065, R4066, R4067, R4068, R4069, R4070, R4071, R4072, R4073, R4074, R4075, R4076, R4077, R4078, R4079, R4080, R4081, R4082, R4083, R4084, R4085, R4086, R4087, R4088, R4089, R4090, R4091, R4092, R4093, R4094, R4095, R4096, R4097, R4098, R4099, R4100, R4101, R4102, R4103, R4104, R4105, R4106, R4107, R4108, R4109, R4110, R4111, R4112, R4113, R4114, R4115, R4116, R4117, R4118, R4119, R4120, R4121, R4122, R4123, R4124, R4125, R4126, R4127, R4128, R4129, R4130, R4131, R4132, R4133, R4134, R4135, R4136, R4137, R4138, R4139, R4140, R4141, R4142, R4143, R4144, R4145, R4146, R4147, R4148, R4149, R4150, R4151, R4152, R4153, R4154, R4155, R4156, R4157, R4158, R4159, R4160, R4161, R4162, R4163, R4164, R4165, R4166, R4167, R4168, R4169, R4170, R4171, R4172, R4173, R4174, R4175, R4176, R4177, R4178, R4179, R4180, R4181, R4182, R4183, R4184, R4185, R4186, R4187, R4188, R4189, R4190, R4191, R4192, R4193, R4194, R4195, R4196, R4197, R4198, R4199, R4200, R4201, R4202, R4203, R4204, R4205, R4206, R4207, R4208, R4209, R4210, R4211, R4212, R4213, R4214, R4215, R4216, R4217, R4218, R4219, R4220, R4221, R4222, R4223, R4224, R4225, R4226, R4227, R4228, R4229, R4230, R4231, R4232, R4233, R4234, R4235, R4236, R4237, R4238, R4239, R4240, R4241, R4242, R4243, R4244, R4245, R4246, R4247, R4248, R4249, R4250, R4251, R4252, R4253, R4254, R4255, R4256, R4257, R4258, R4259, R4260, R4261, R4262, R4263, R4264, R4265, R4266, R4267, R4268, R4269, R4270, R4271, R4272, R4273, R4274, R4275, R4276, R4277, R4278, R4279, R4280, R4281, R4282, R4283, R4284, R4285, R4286, R4287, R4288, R4289, R4290, R4291, R4292, R4293, R4294, R4295, R4296, R4297, R4298, R4299, R4300, R4301, R4302, R4303, R4304, R4305, R4306, R4307, R4308, R4309, R4310, R4311, R4312, R4313, R4314, R4315, R4316, R4317, R4318, R4319, R4320, R4321, R4322, R4323, R4324, R4325, R4326, R4327, R4328, R4329, R4330, R4331, R4332, R4333, R4334, R4335, R4336, R4337, R4338, R4339, R4340, R4341, R4342, R4343, R4344, R4345, R4346, R4347, R4348, R4349, R4350, R4351, R4352, R4353, R4354, R4355, R4356, R4357, R4358, R4359, R4360, R4361, R4362, R4363, R4364, R4365, R4366, R4367, R4368, R4369, R4370, R4371, R

(No.YA247)2-58

# MAIN DRIVE PWB CIRCUIT DIAGRAM (7/7) SHEET26



MAIN DRIVE PWB ASS'Y (7/7)  
SRP-3006A-M2 [HD-61Z786, HD-61Z886]  
SRP-3010A-M2 [HD-70G886]

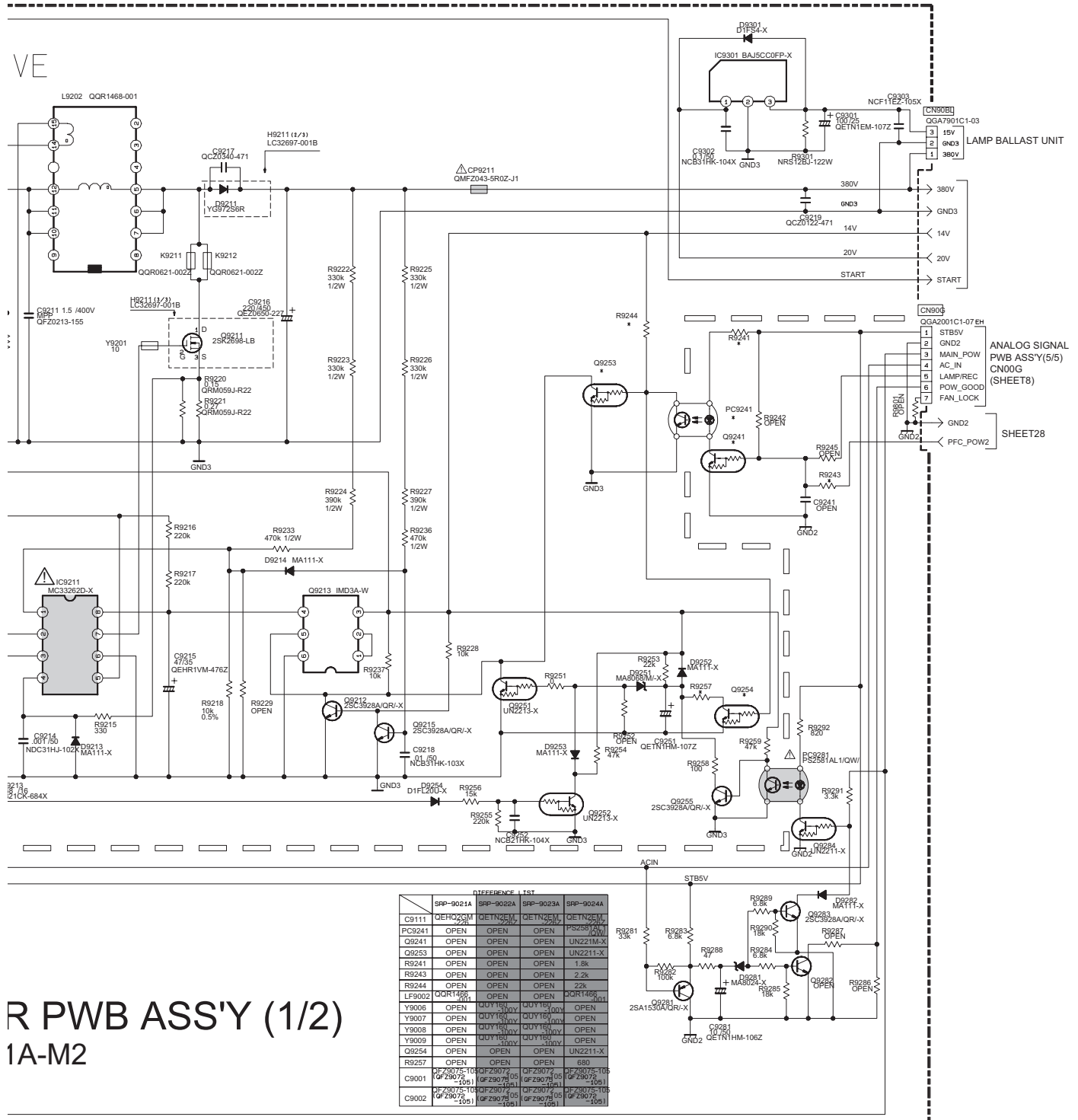


srp3006aw007\_0120\_7/7\_0.0

2-61(No.YA247)



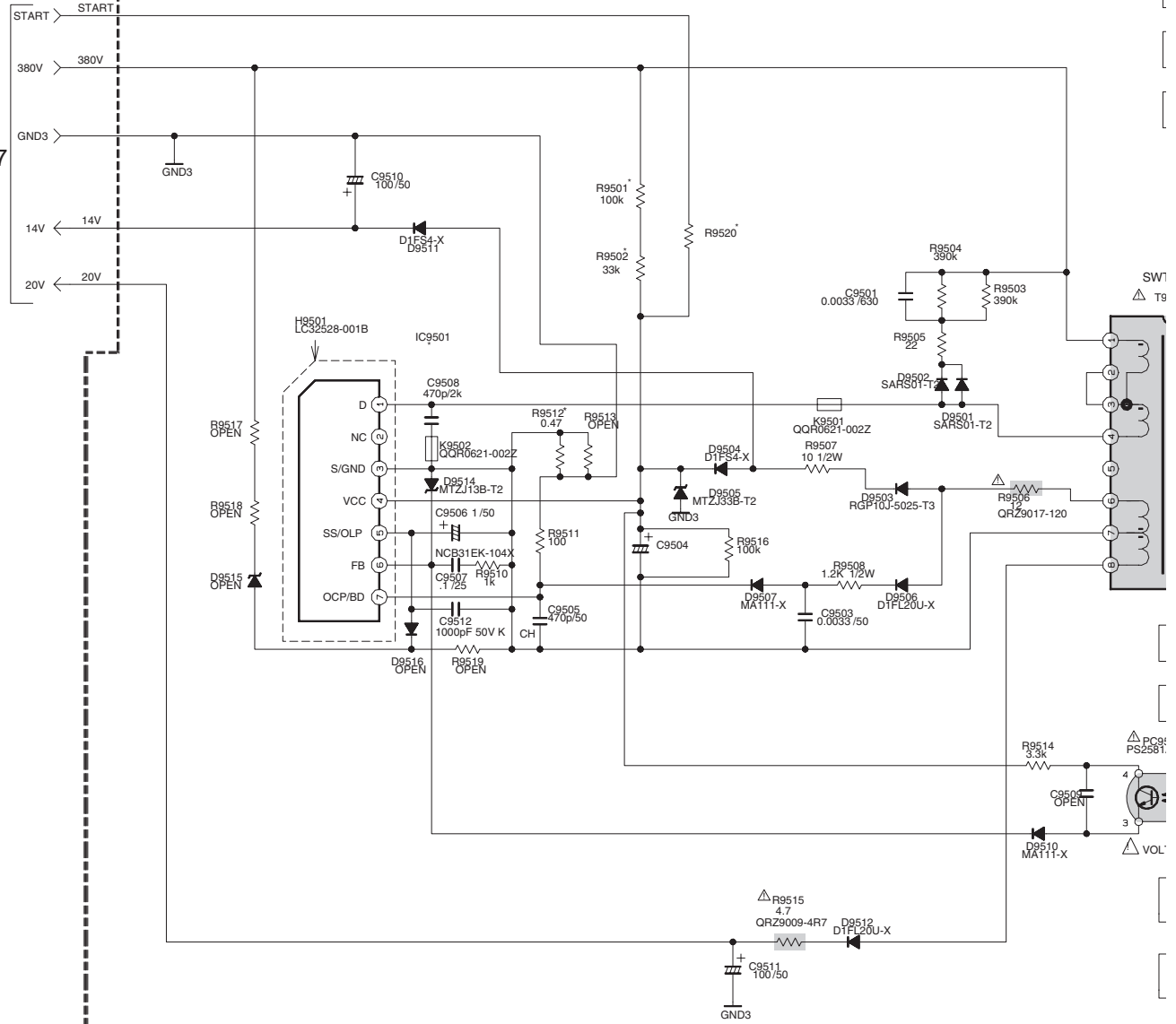
VE



R PWB ASS'Y (1/2)  
1A-M2

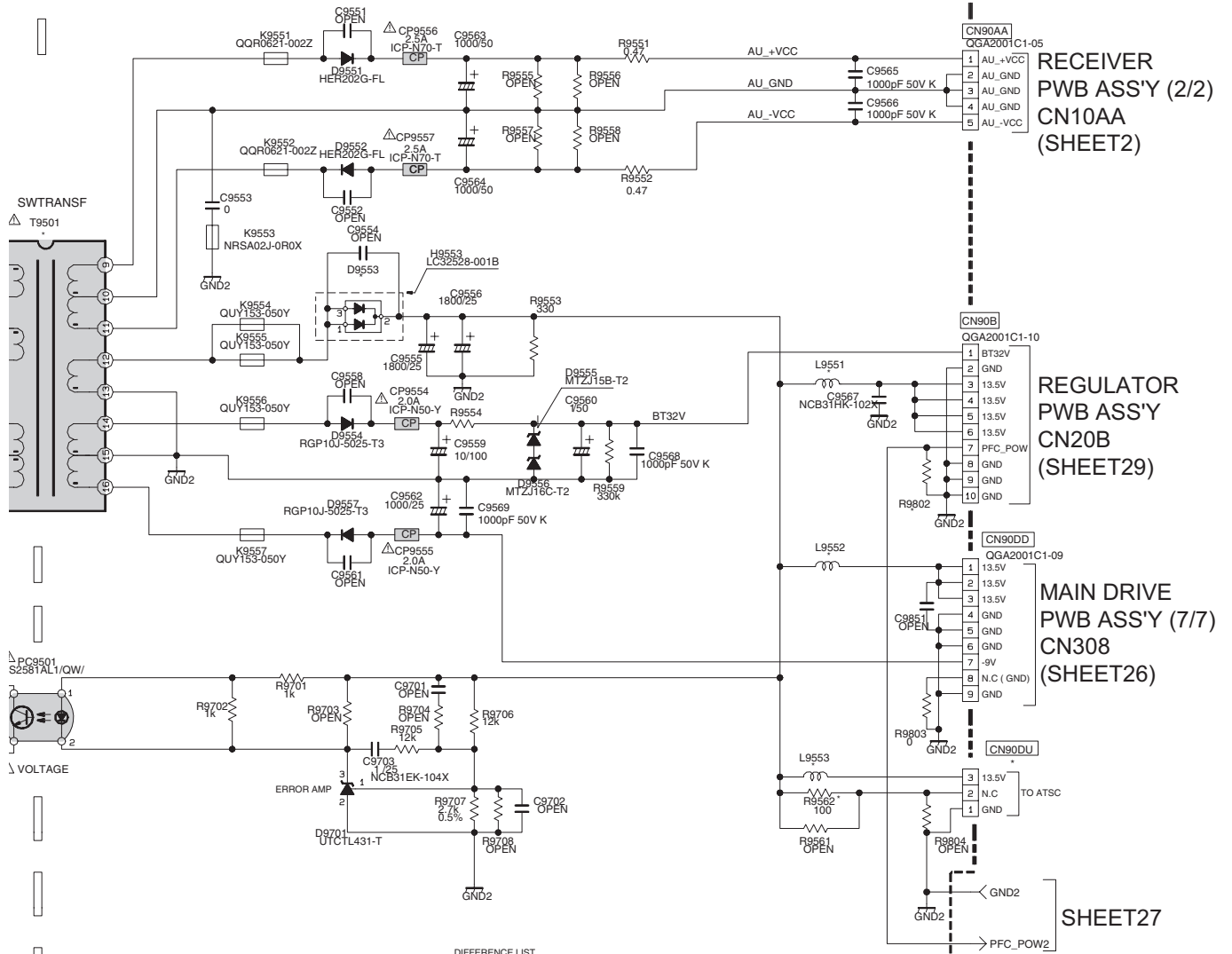
SHEET27

LIVE



POWER PWB ASS'Y (2/2)  
SRP-9021A-M2

# ISOLATED



DIFFERENCE LIST

|        | SRP-9021A    | SRP-9022A    | SRP-9023A   | SRP-9024A   |
|--------|--------------|--------------|-------------|-------------|
| R9562  | QRL029J-101  | QRL029J-101  | OPEN        | OPEN        |
| R9512  | QRX01GJ-101  | QRX01GJ-101  | QRX01GJ-101 | QRX01GJ-101 |
| D9553  | FME-220A     | FME-220A     | FME-220A    | SBT80-101 S |
| L9553  | QUL26AM-101  | QUL26AM-101  | OPEN        | OPEN        |
| R9501  | QRL039J-104  | QRL039J-104  | QRL039J-104 | OPEN        |
| R9502  | QRL039J-104  | QRL039J-104  | QRL039J-104 | OPEN        |
| R9520  | OPEN         | OPEN         | OPEN        | QRL029J-101 |
| R9802  | 0            | 0            | 0           | OPEN        |
| CN90DU | QGA2001C1-09 | QGA2001C1-09 | OPEN        | OPEN        |
| L9551  | QUL26AM-101  | QUL26AM-101  | QUL26AM-101 | QUL26AM-101 |
| L9552  | QUL26AM-101  | QUL26AM-101  | QUL26AM-101 | QUL26AM-101 |
| IC9501 | STR-W6754    | STR-W6754    | STR-W6754   | STR-W6754   |
| T9501  | QOS0352-101  | QOS0352-101  | QOS0352-101 | QOS0352-101 |

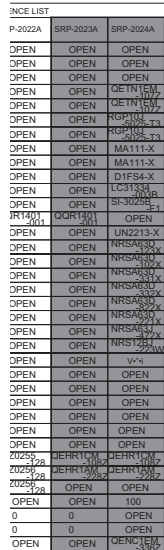
c20156001a002\_0216\_2/2\_0.0



2-65(No.YA247)

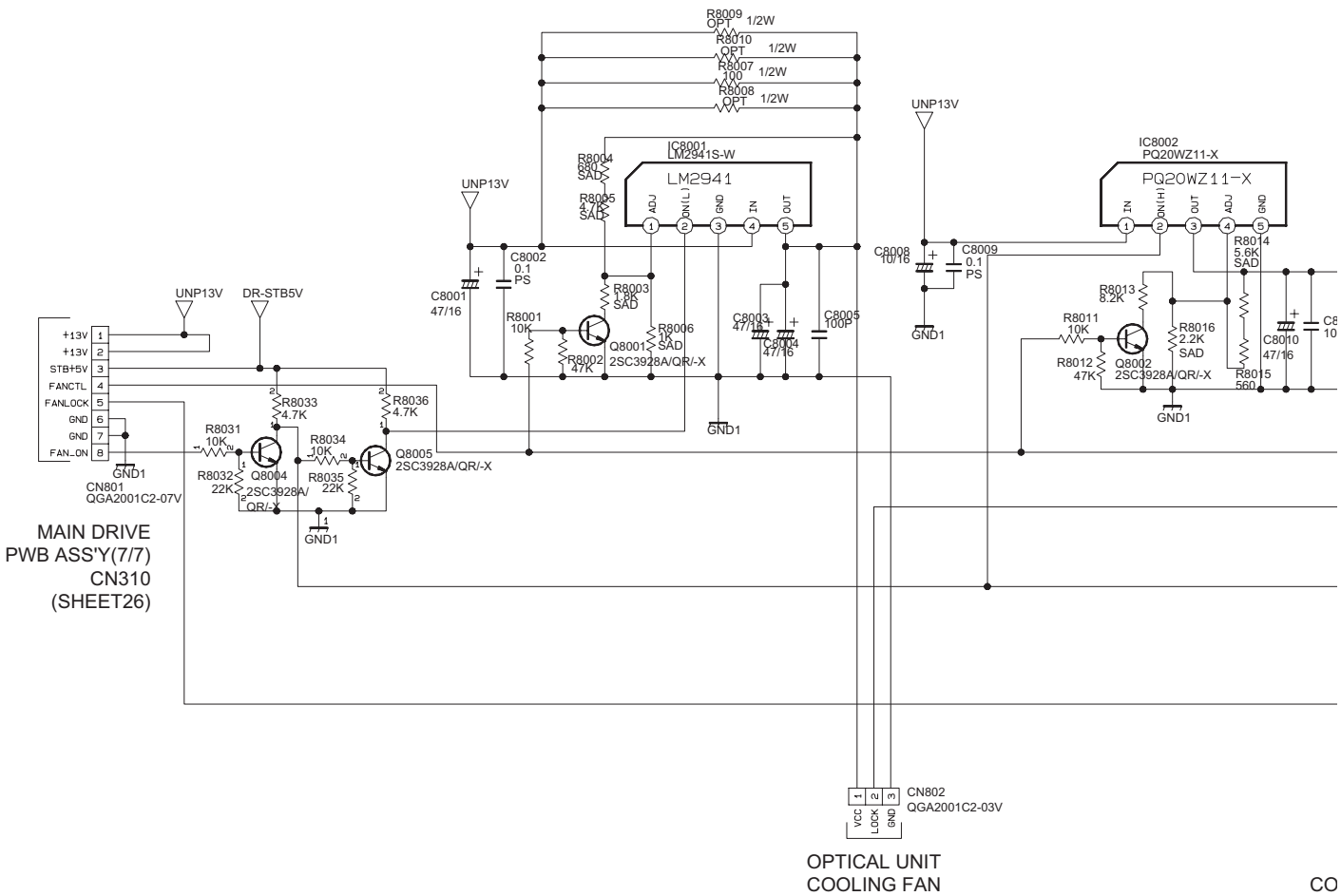


## SRP-2021A-M2 [HD-70G886]



(No.YA247)2-66

FAN CONTROL PWB CIRCUIT DIAGRAM SHEET30



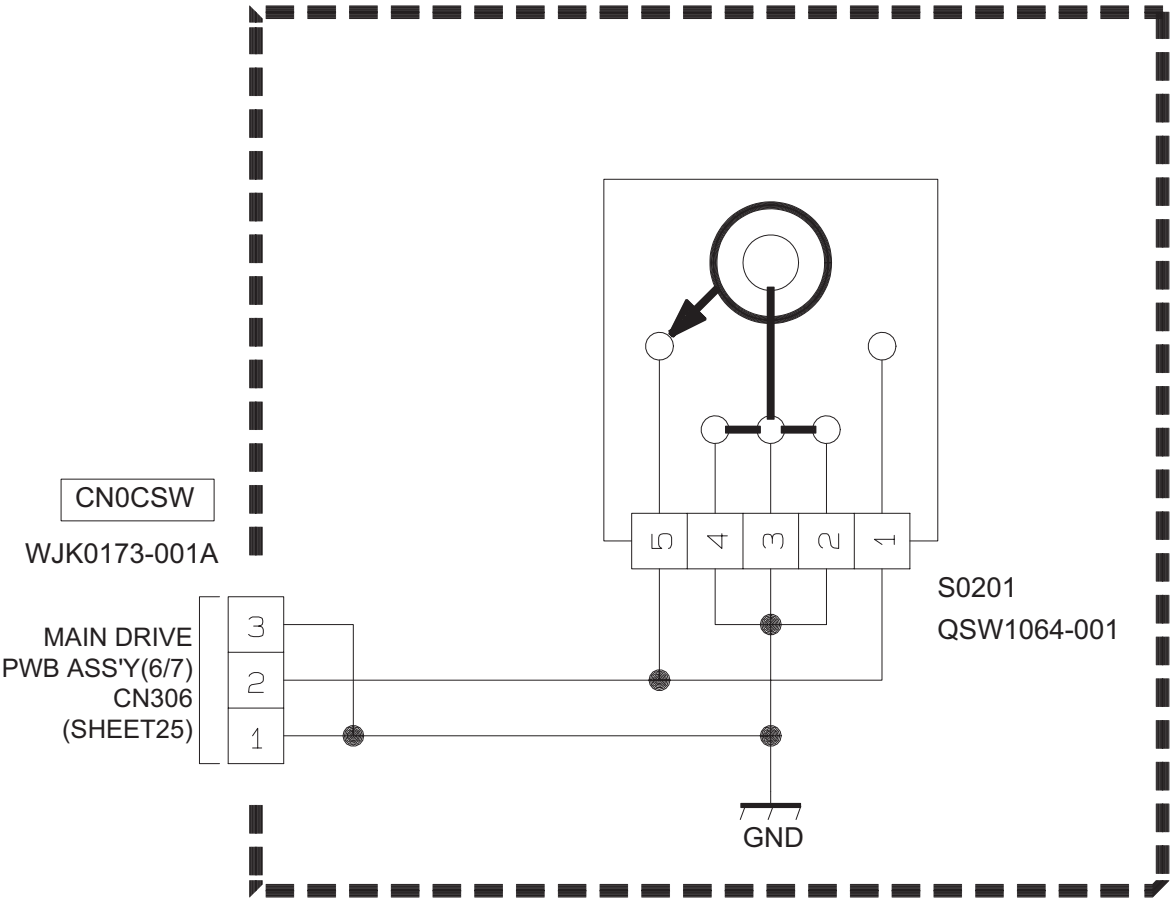
CO

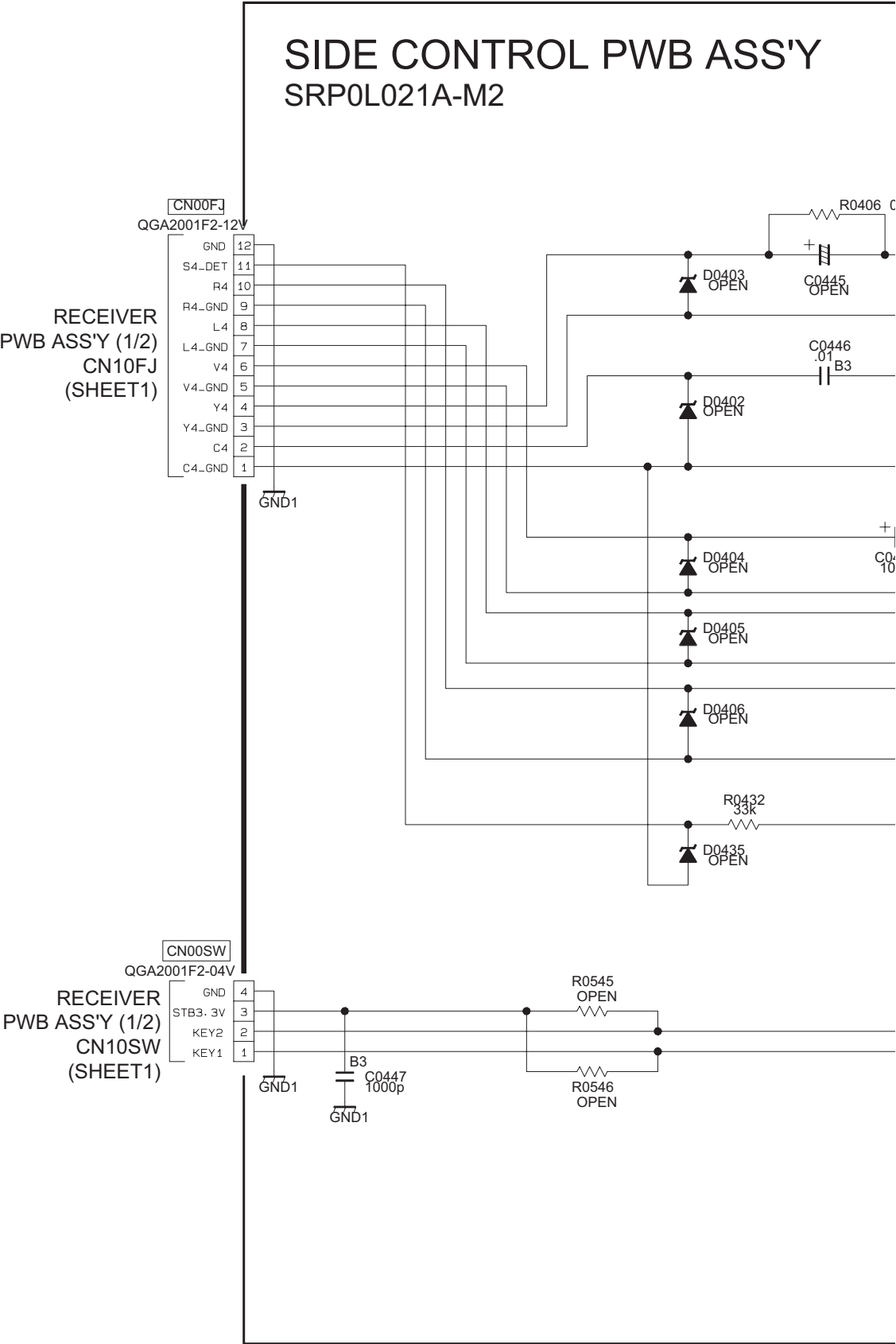
## SRP-8106-M2

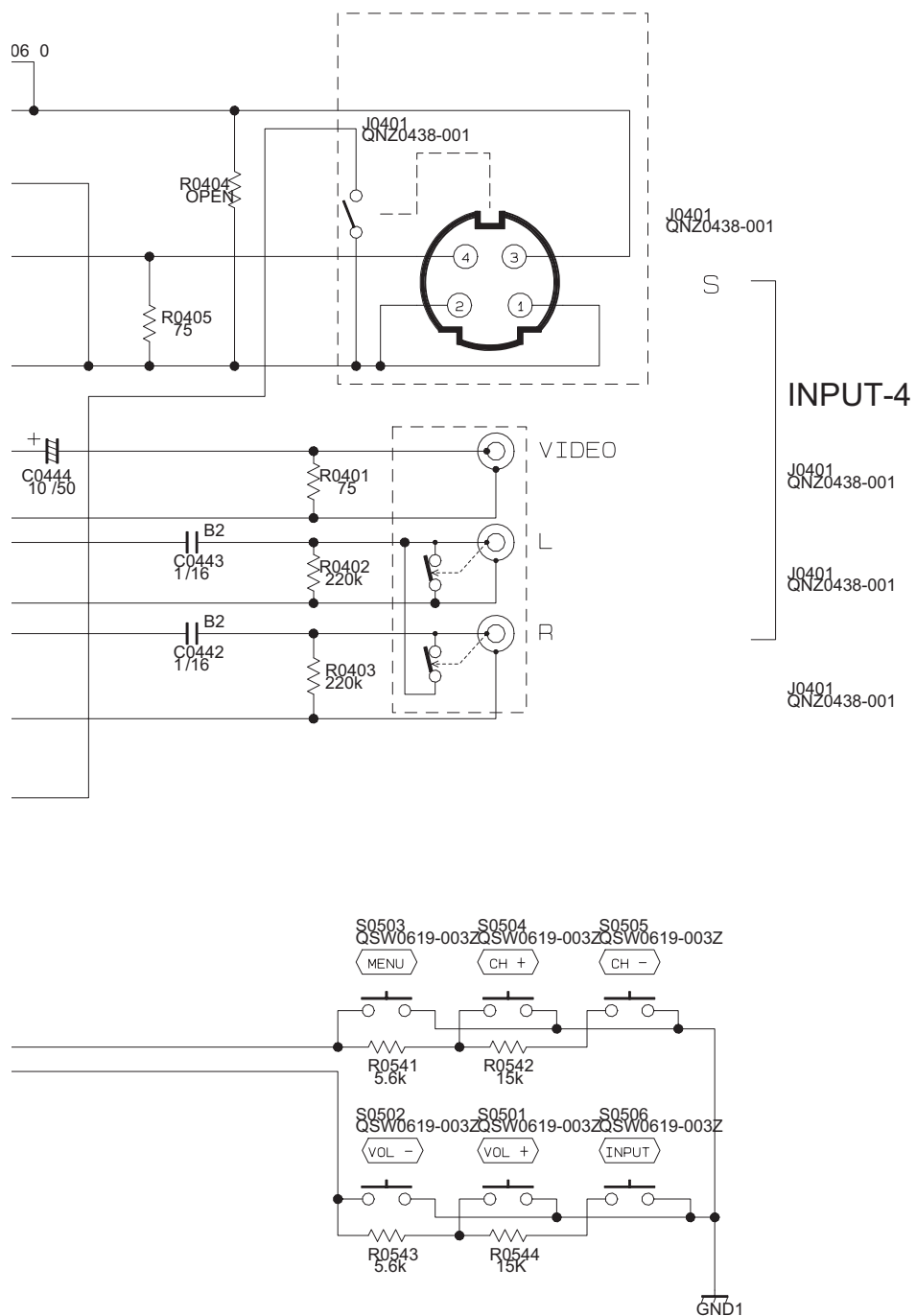




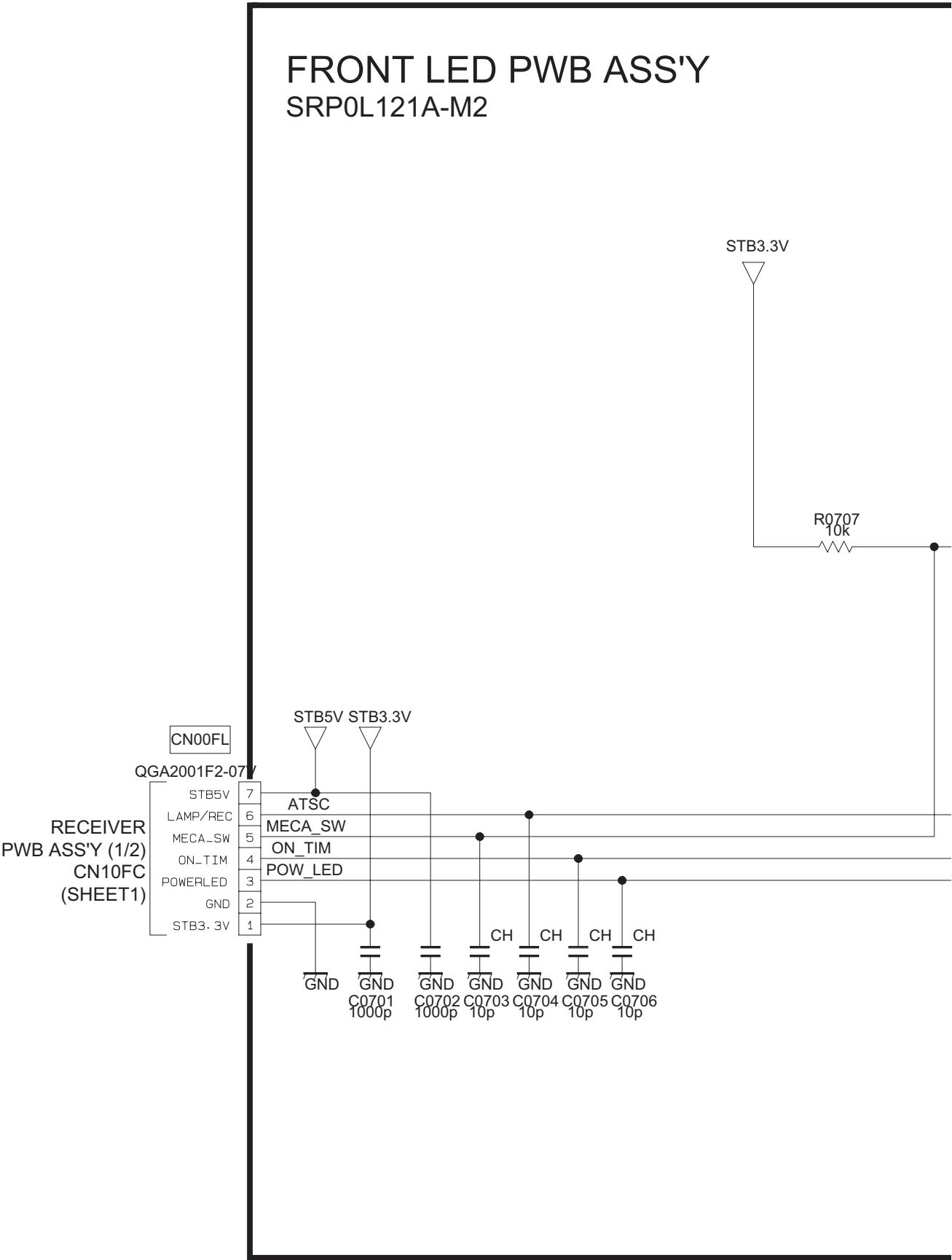
LAMP COVER SW PWB ASS'Y  
SRP0L205A-M2

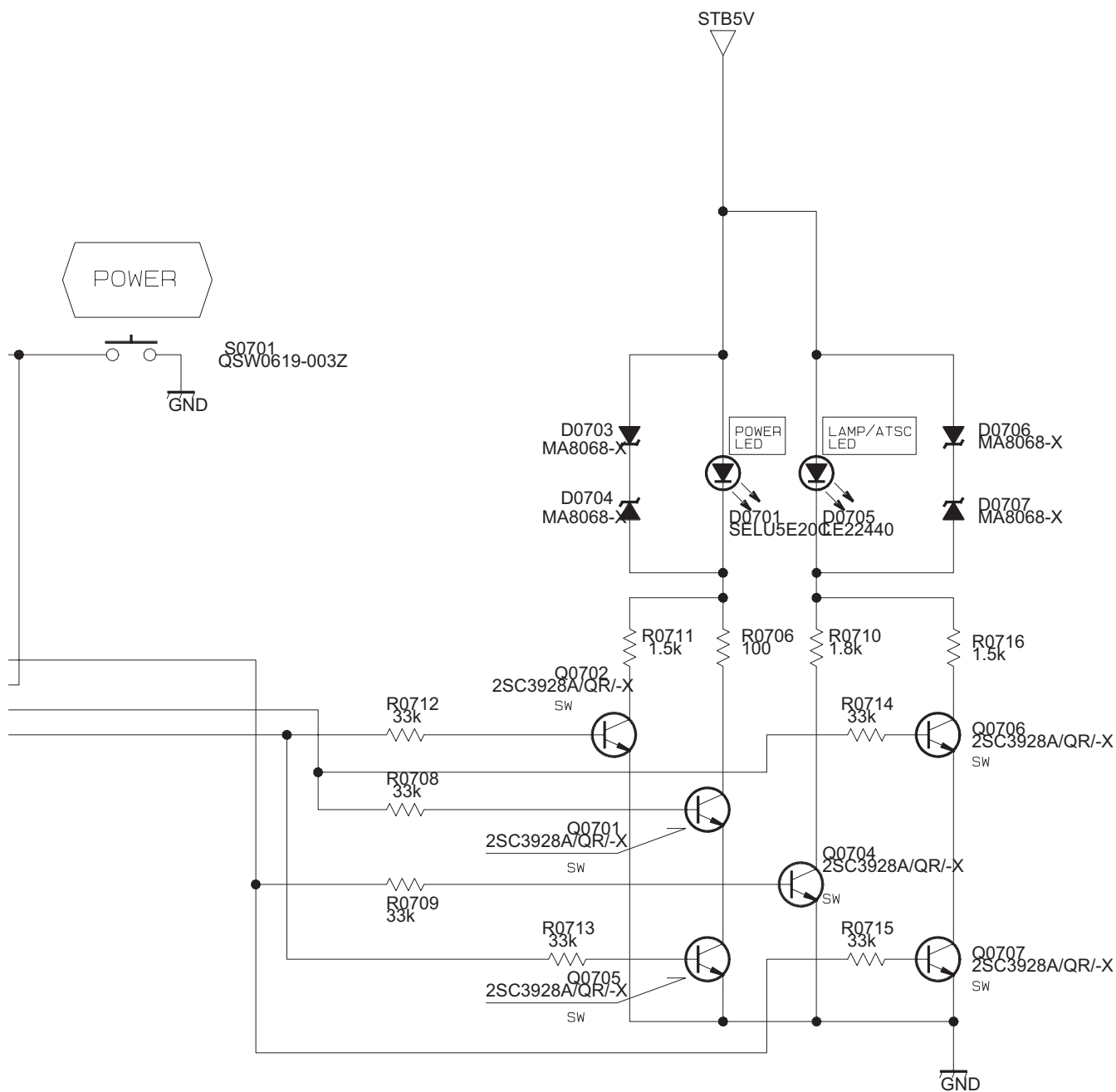


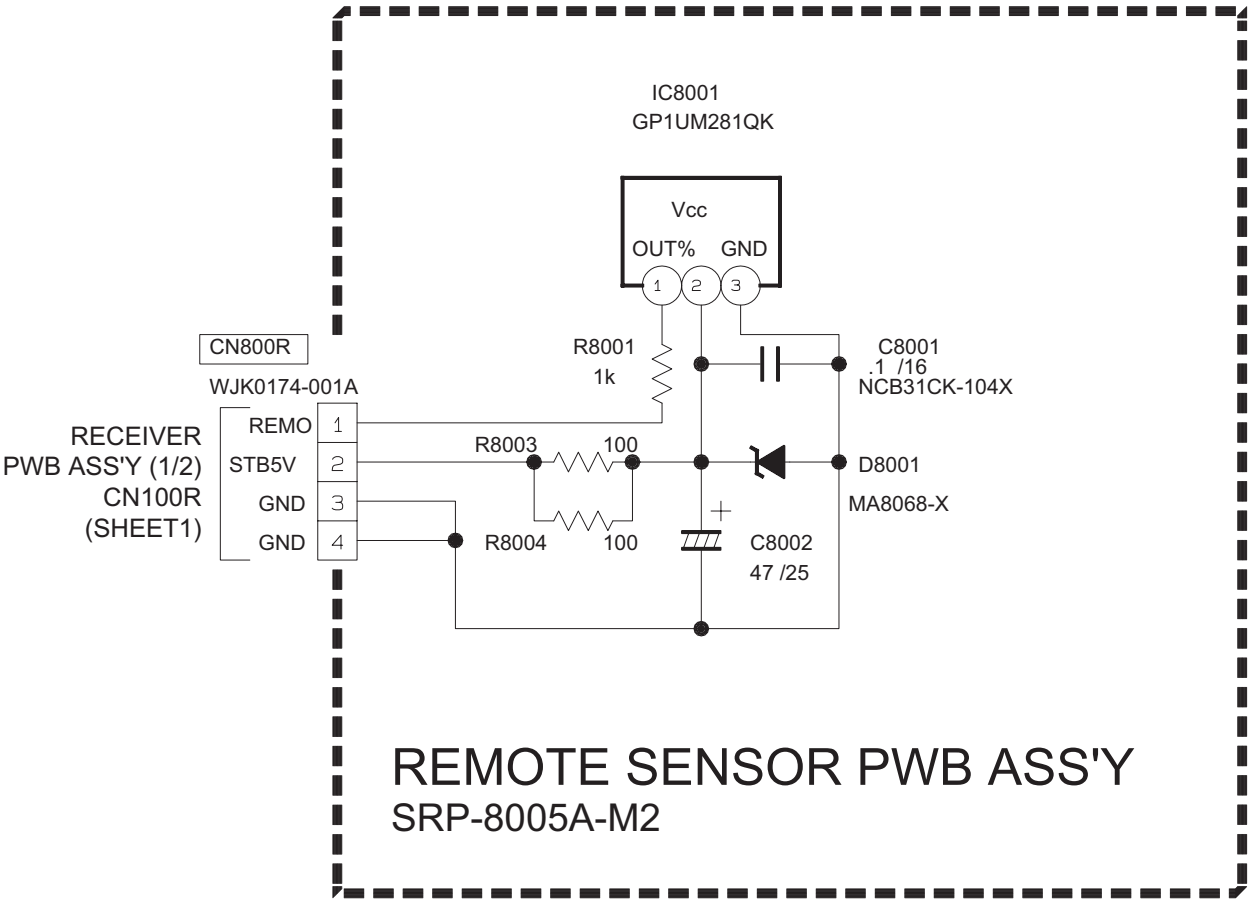






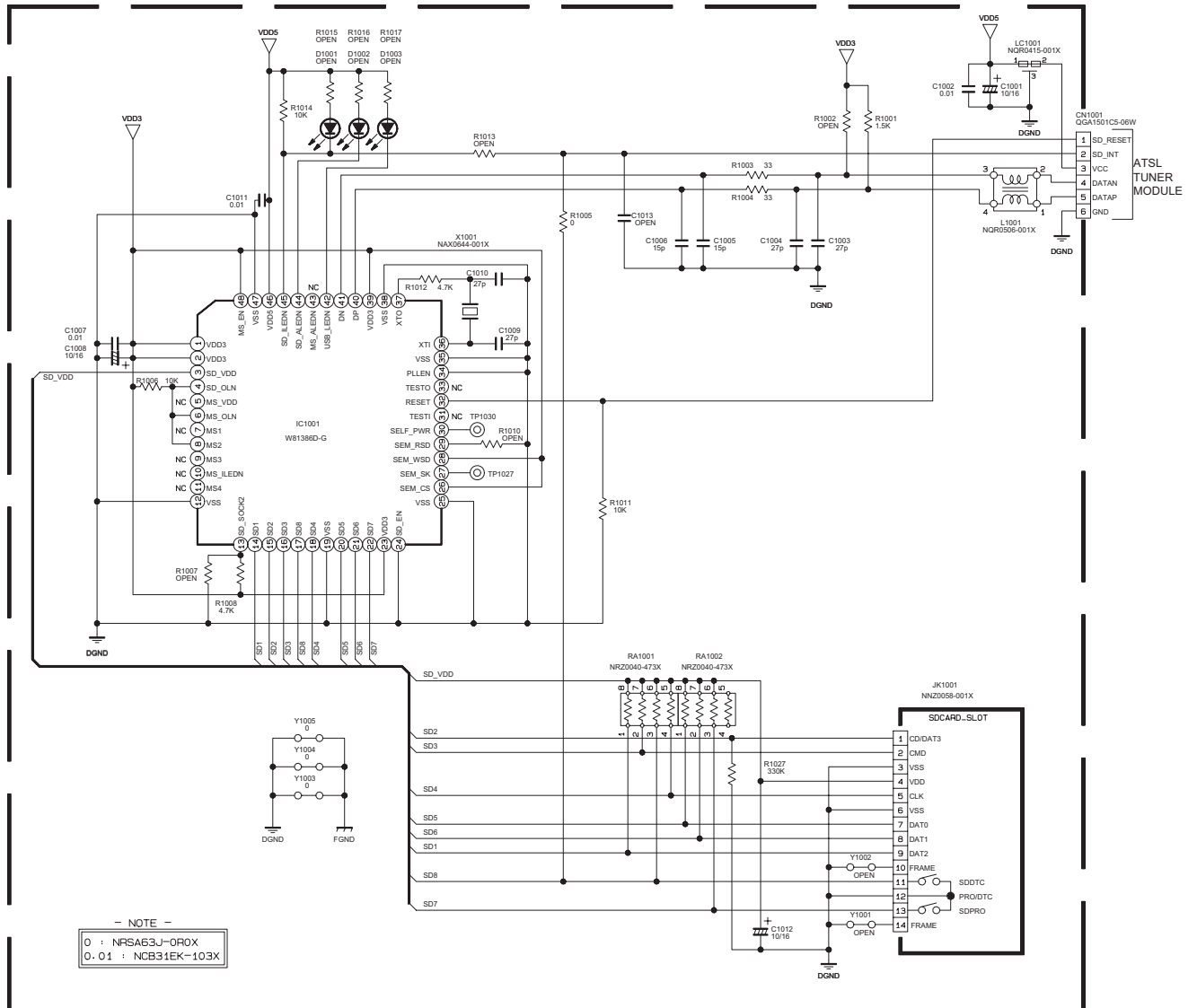




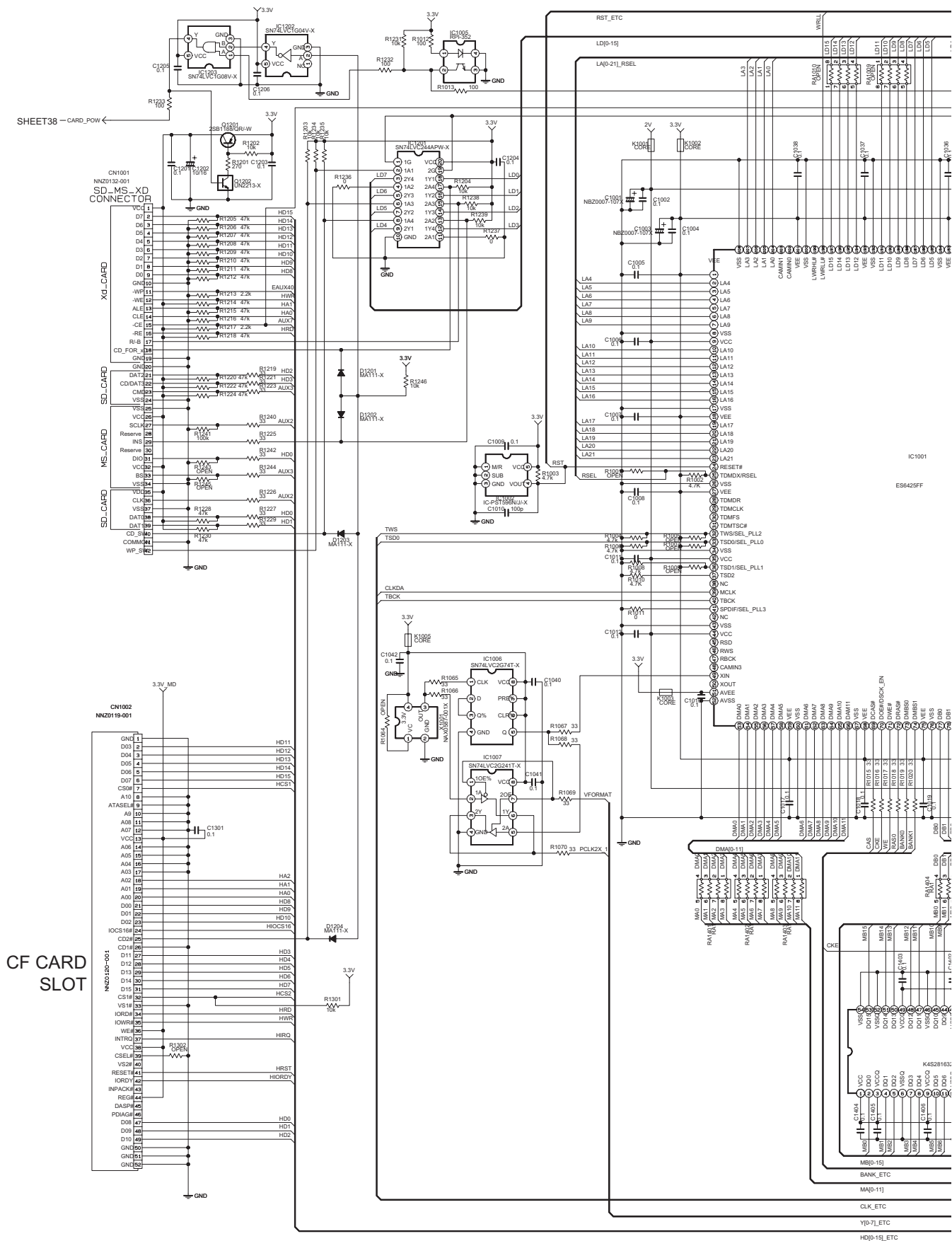


# SD CARD PWB ASS'Y

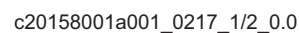
## SRP-8510A-M2



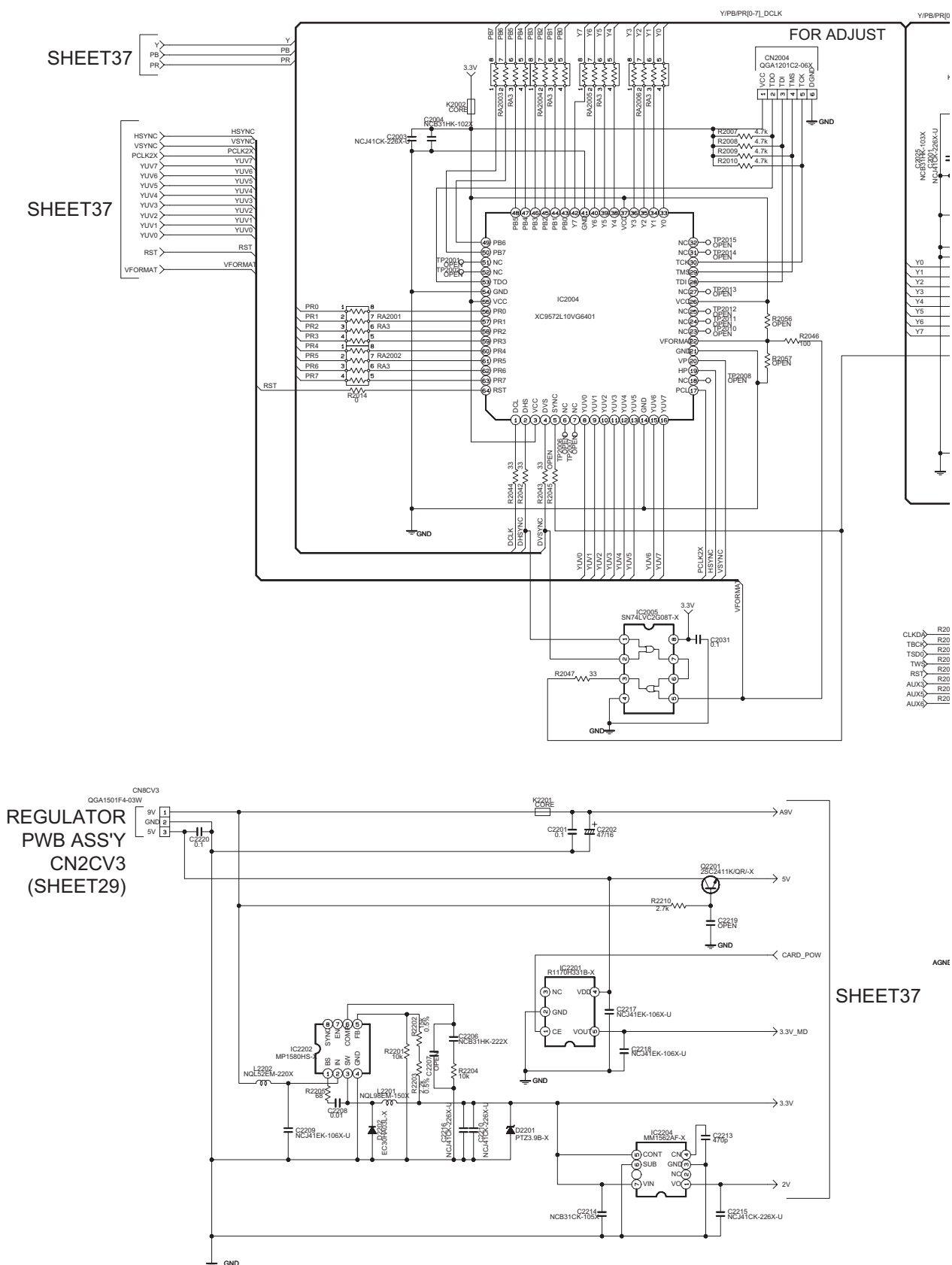
2-77(No.YA247)



CARD VIEWER  
PWB ASS'Y (1/2)  
SRP-8511A-M2



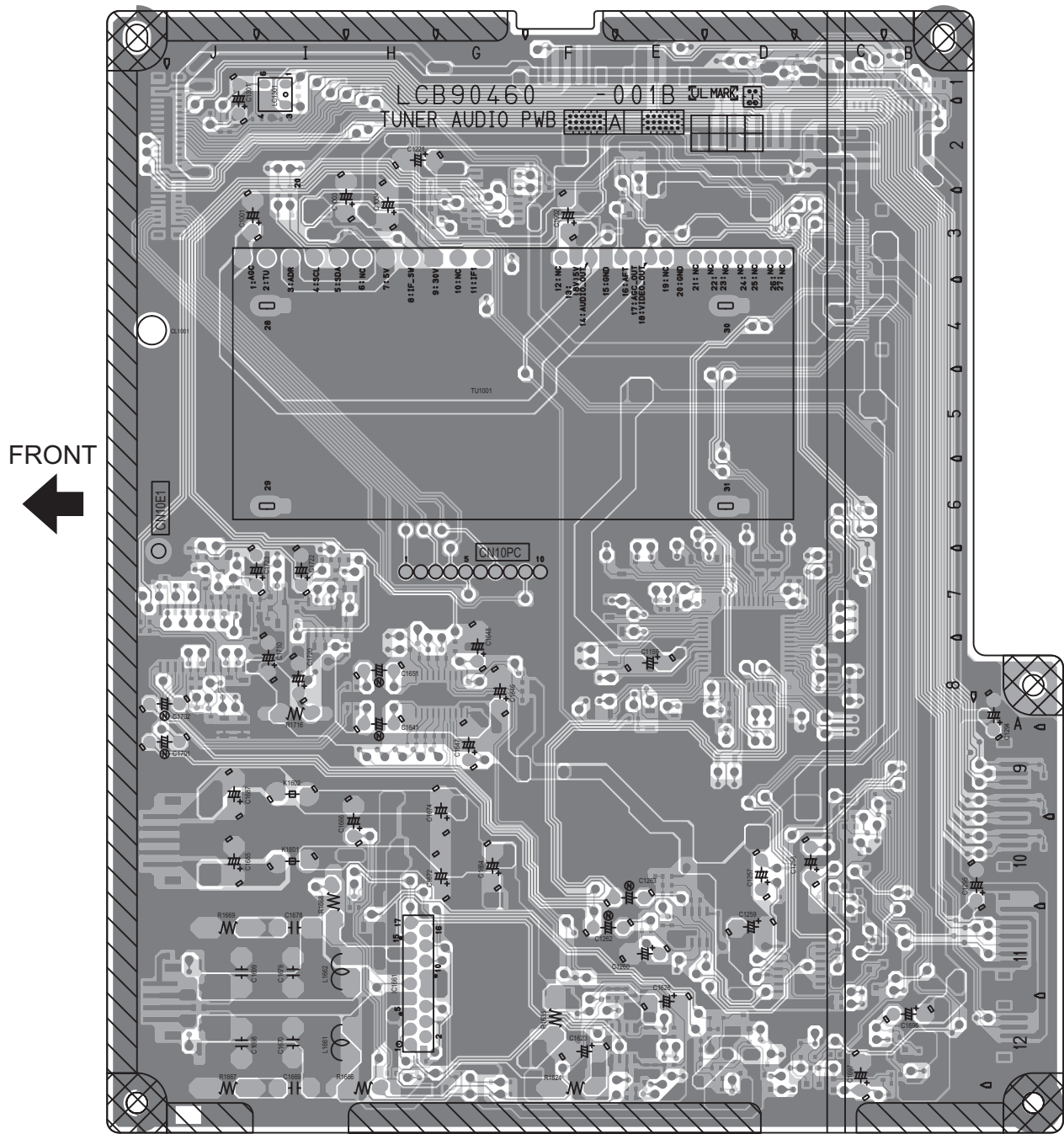
2-79(No.YA247)



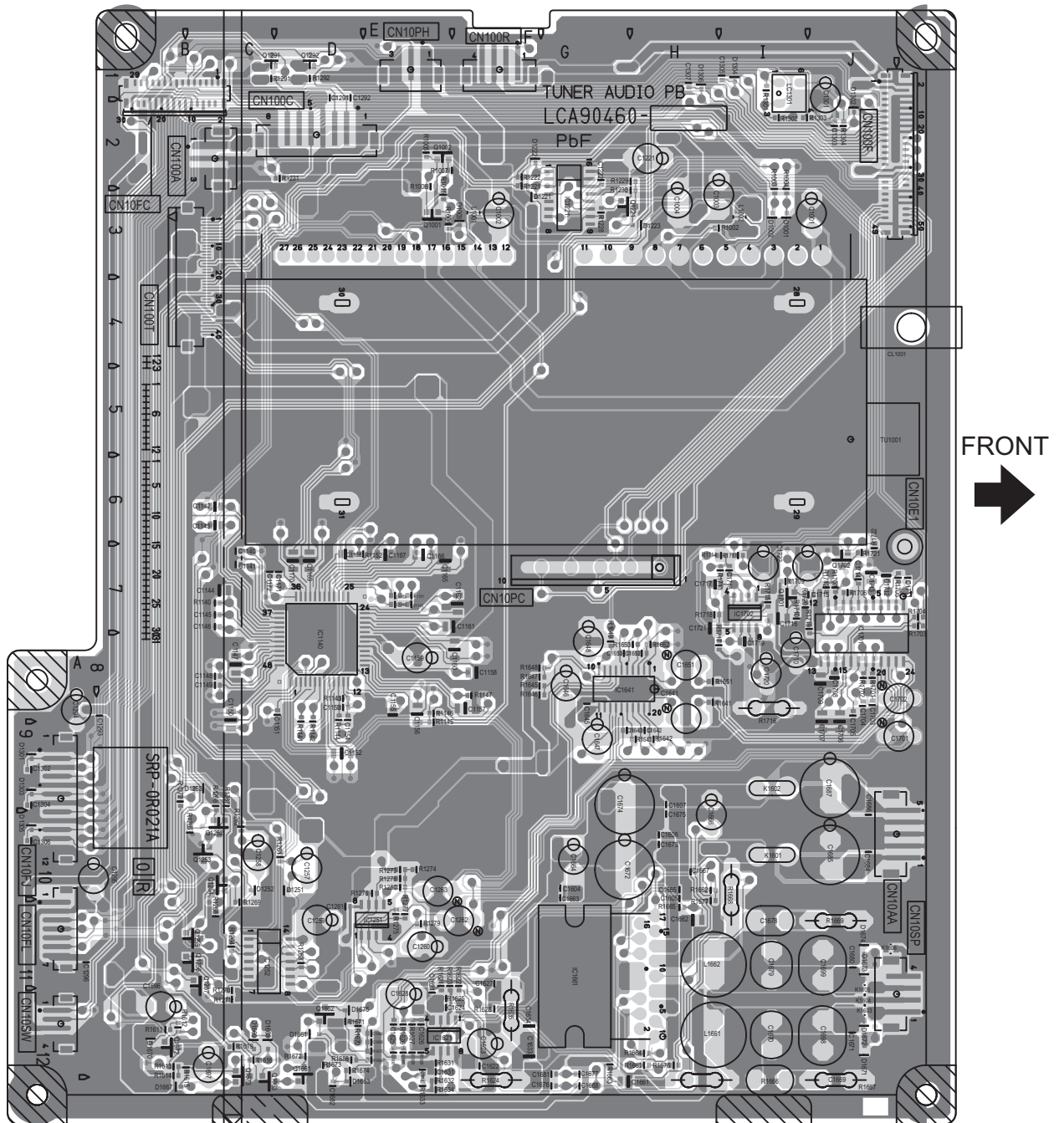




**PATTERN DIAGRAMS**  
RECEIVER PWB PATTERN [SOLDER SIDE]

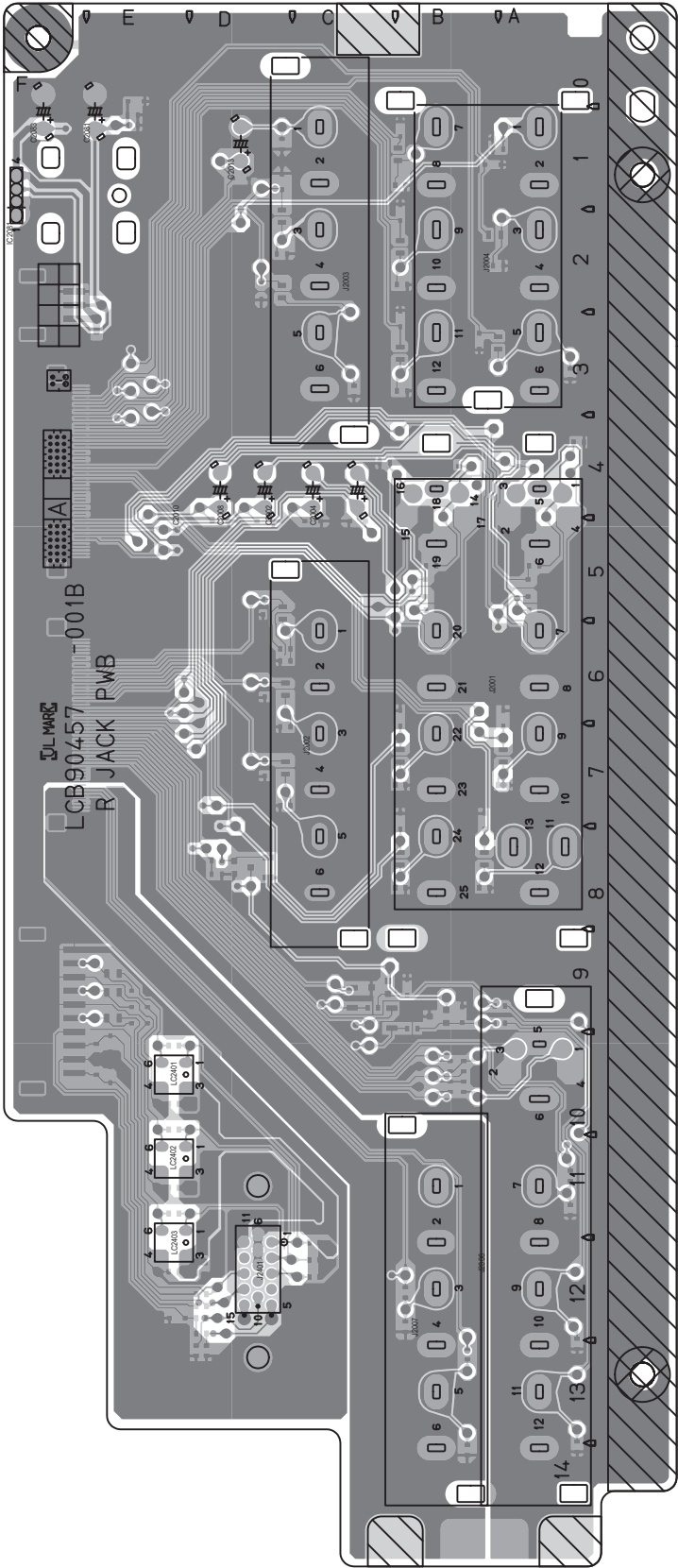


# RECEIVER PWB PATTERN [PARTS SIDE]



REAR JACK PWB PATTERN [SOLDER SIDE]

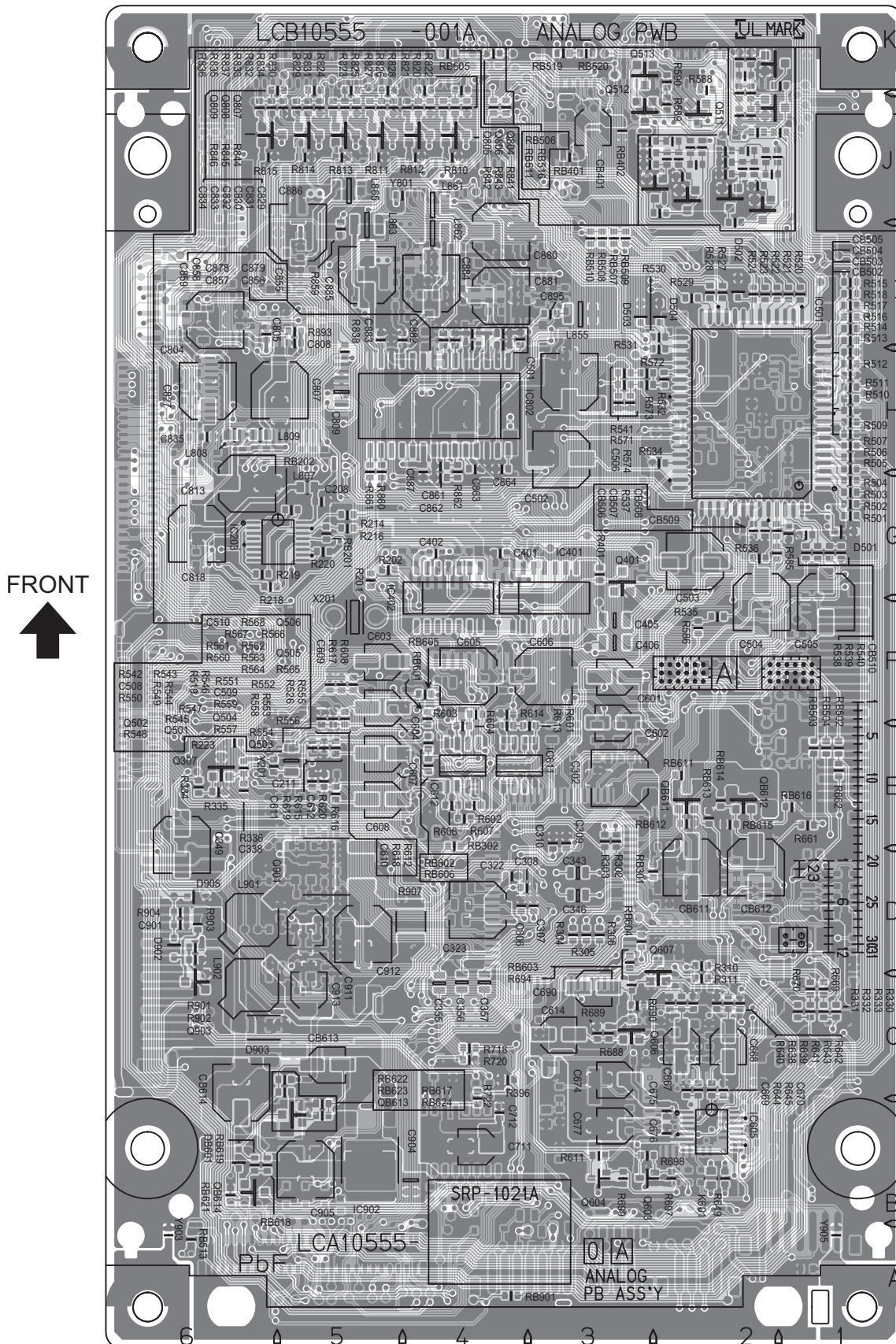
TOP  
↑



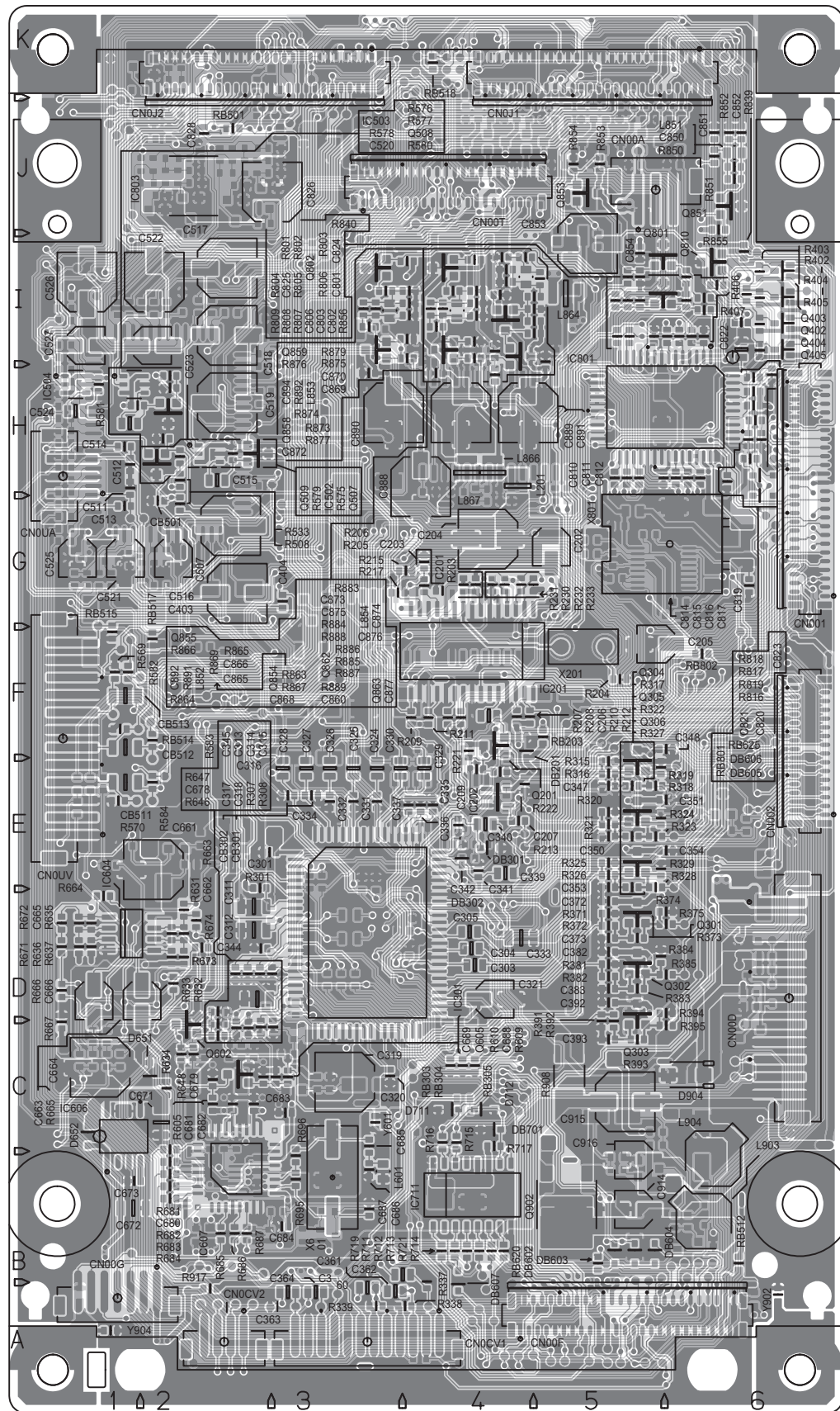




ANALOG SIGNAL PWB PATTERN [SOLDER SIDE]



# ANALOG SIGNAL PWB PATTERN [PARTS SIDE]

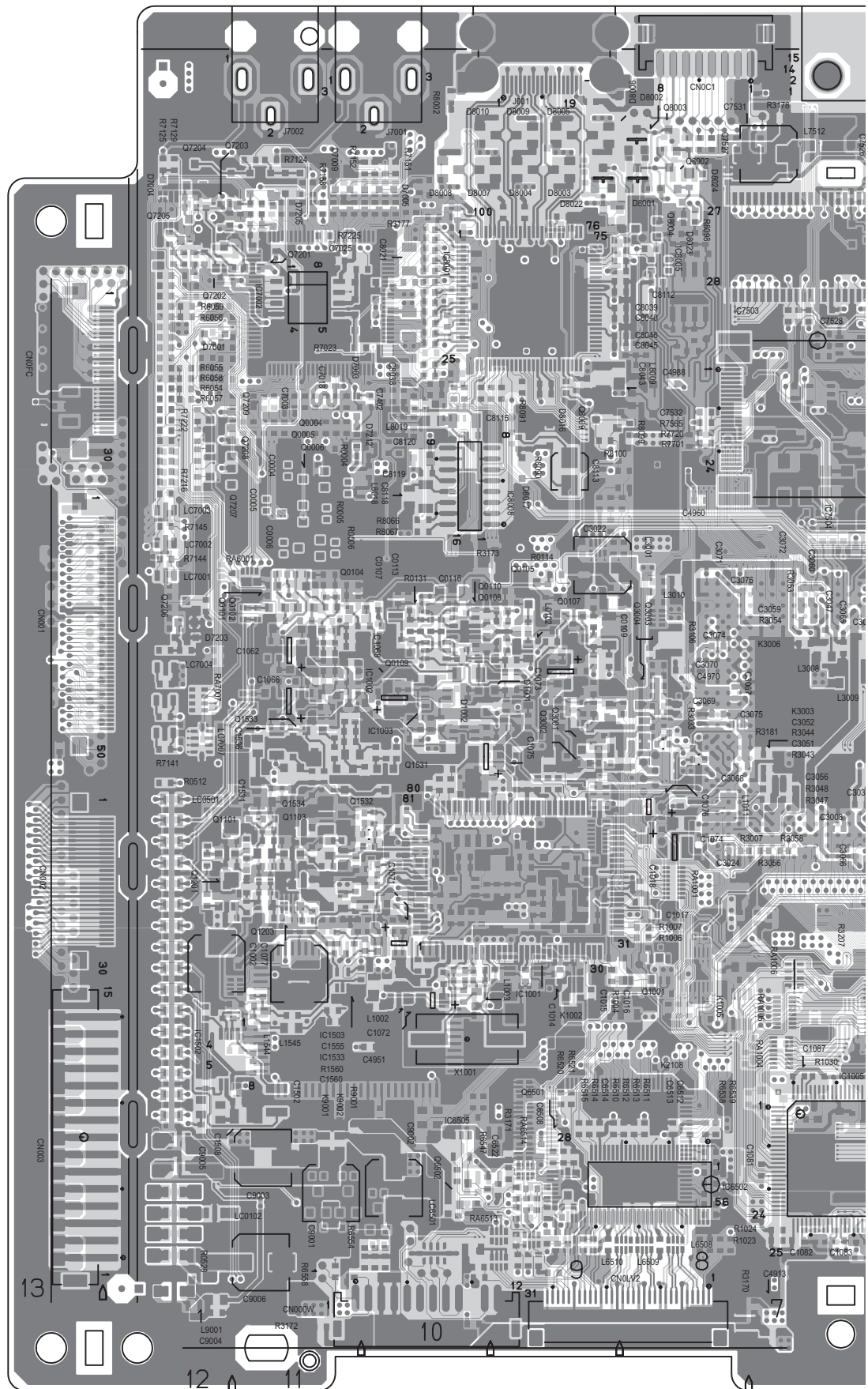


FRONT  
↑



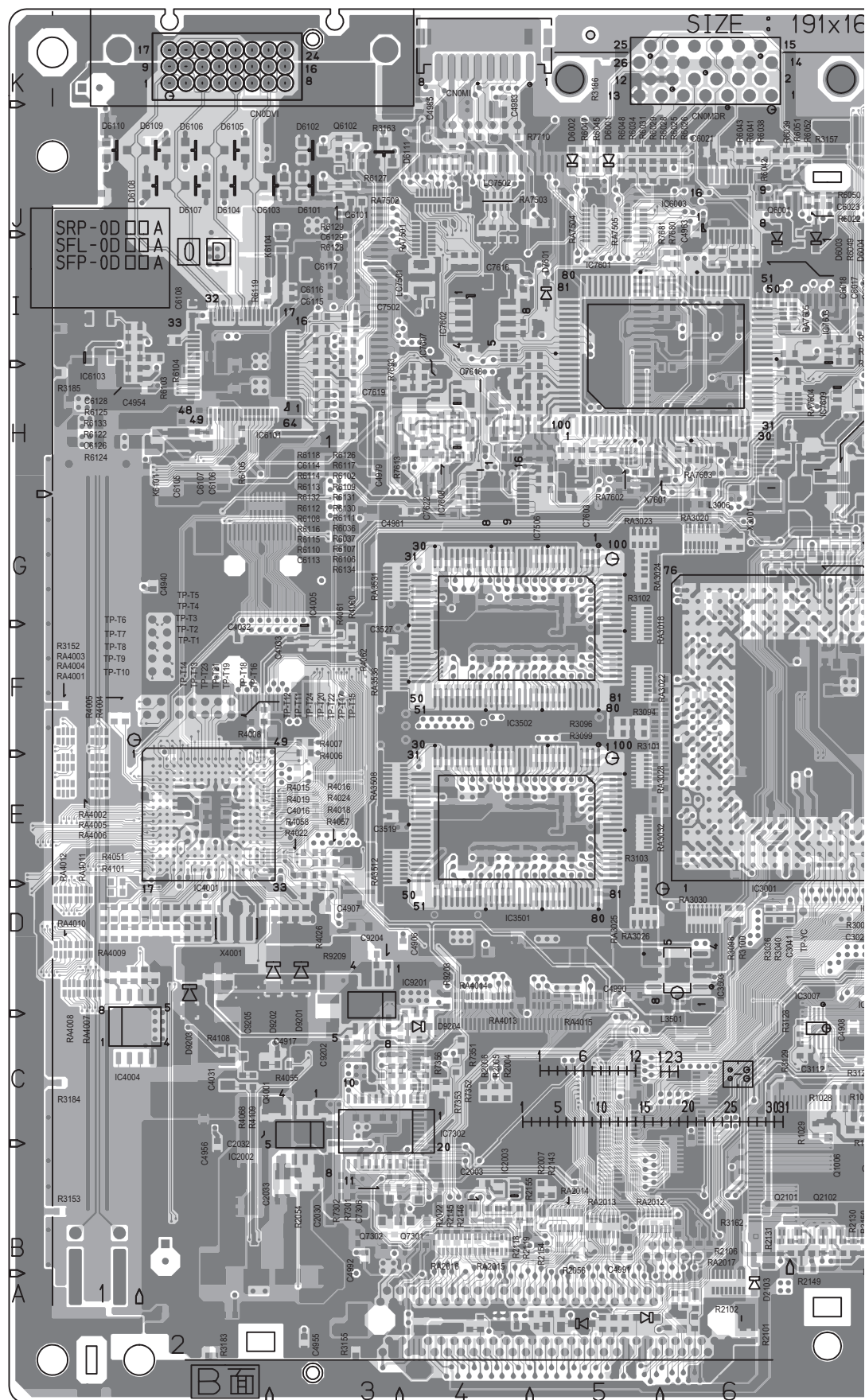
DIGITAL SIGNAL PWB PATTERN [SOLDER SIDE]

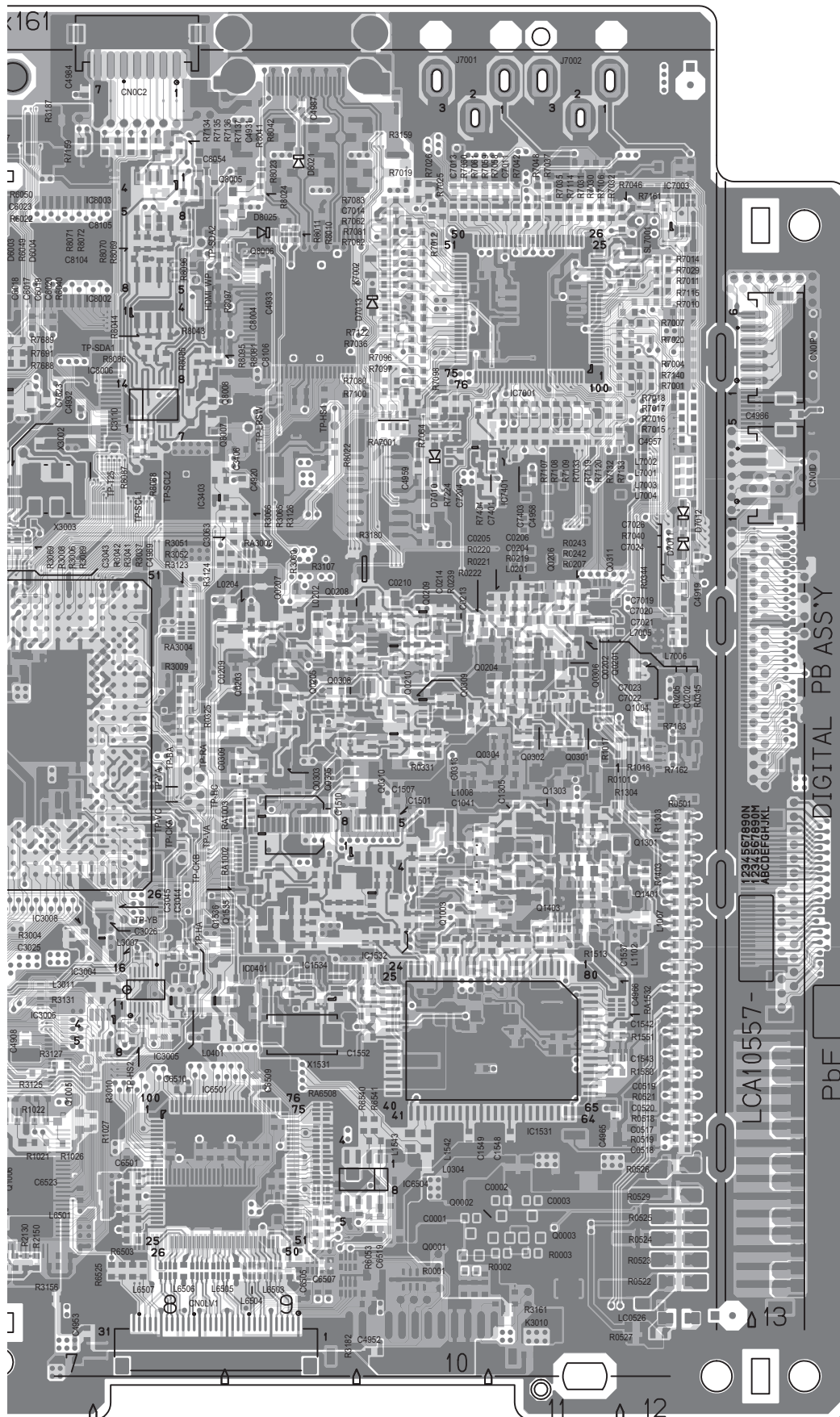
FRONT



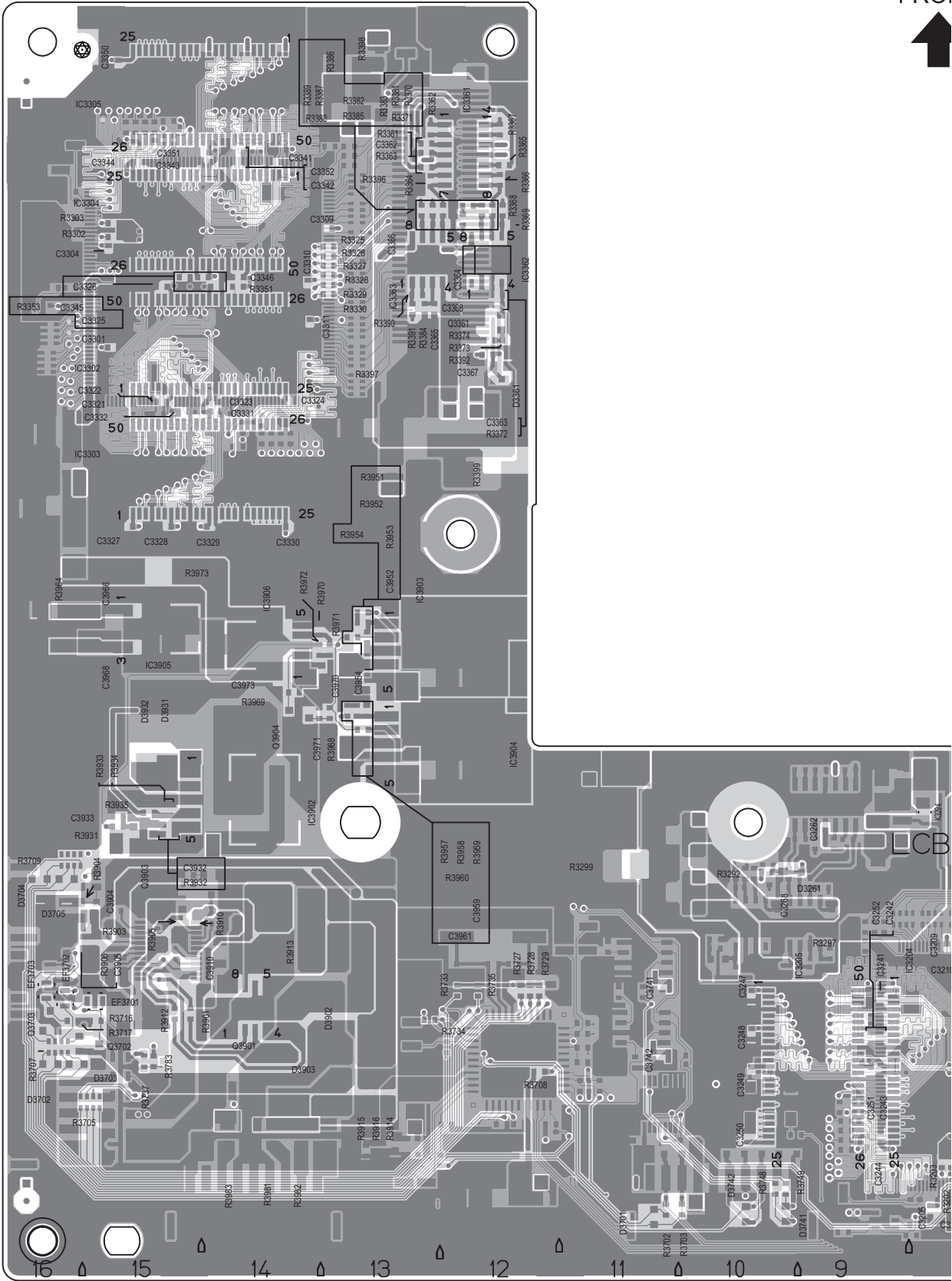








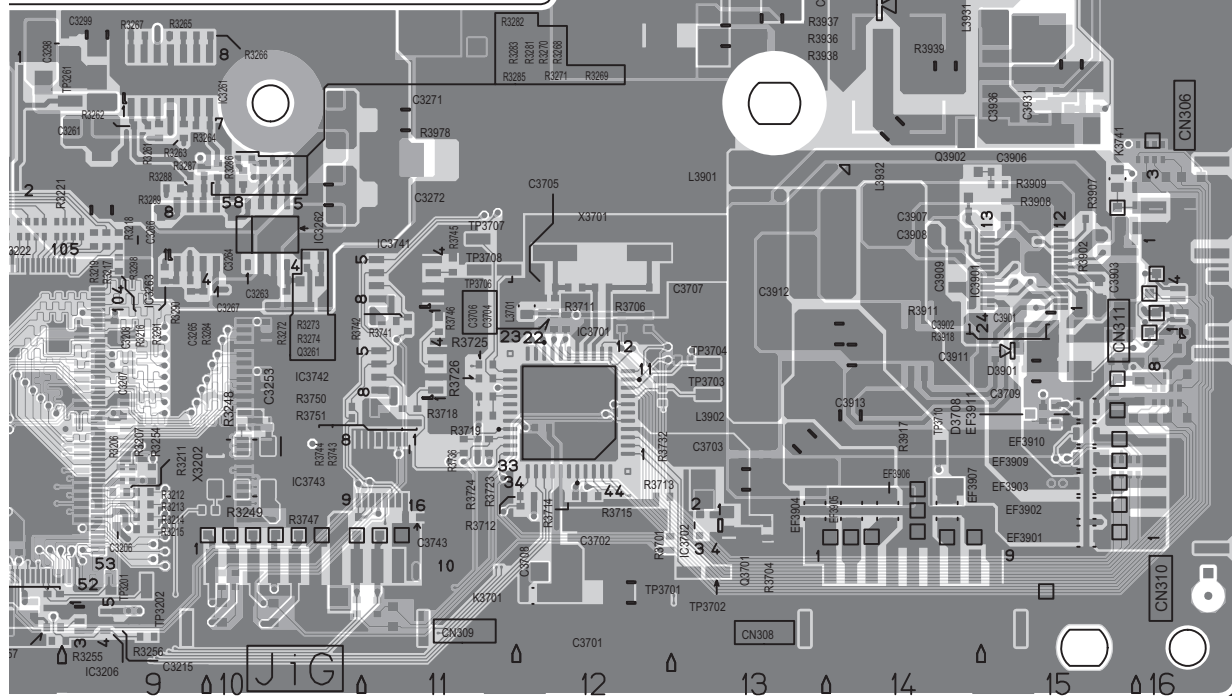
FRONT  
↓

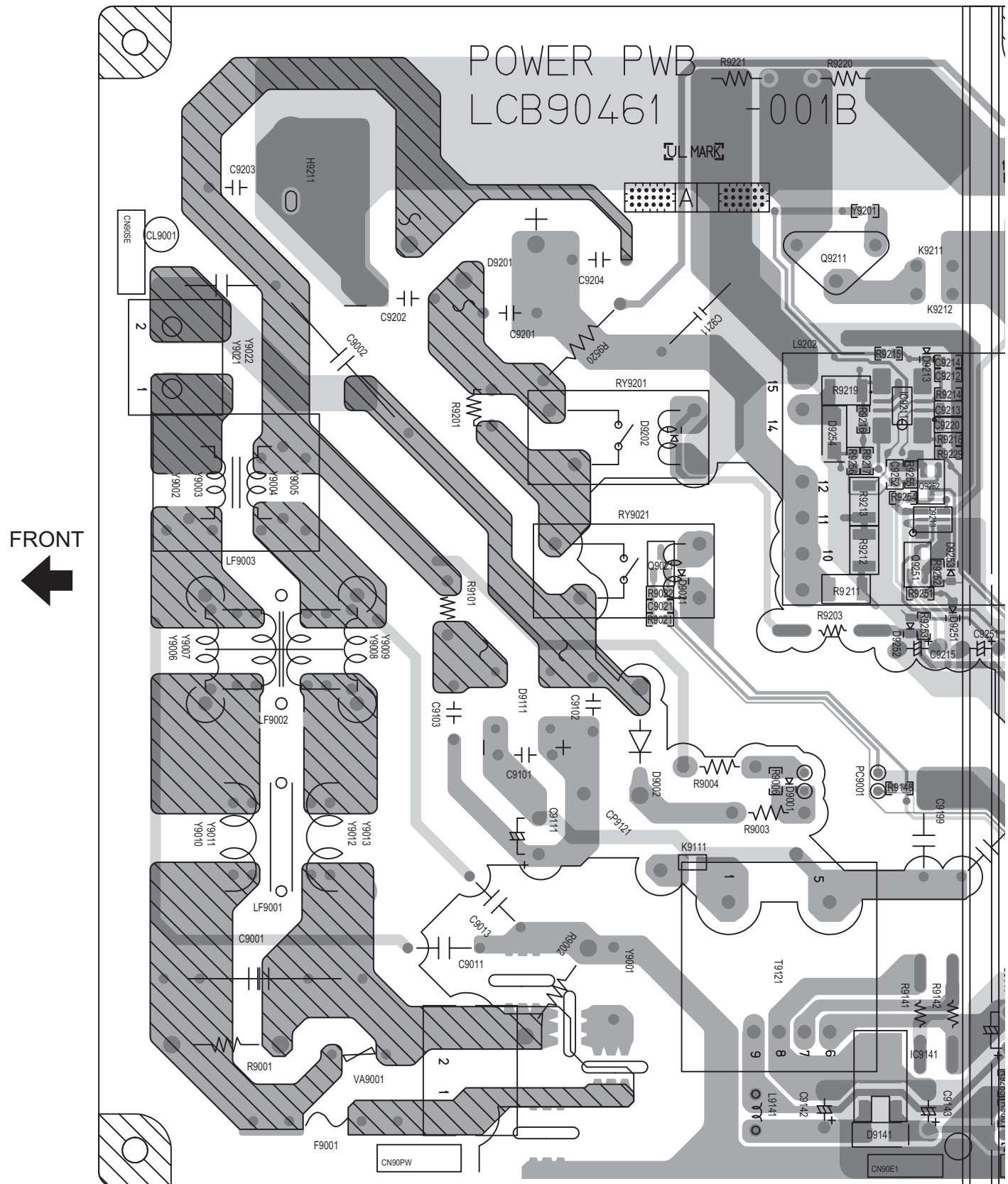


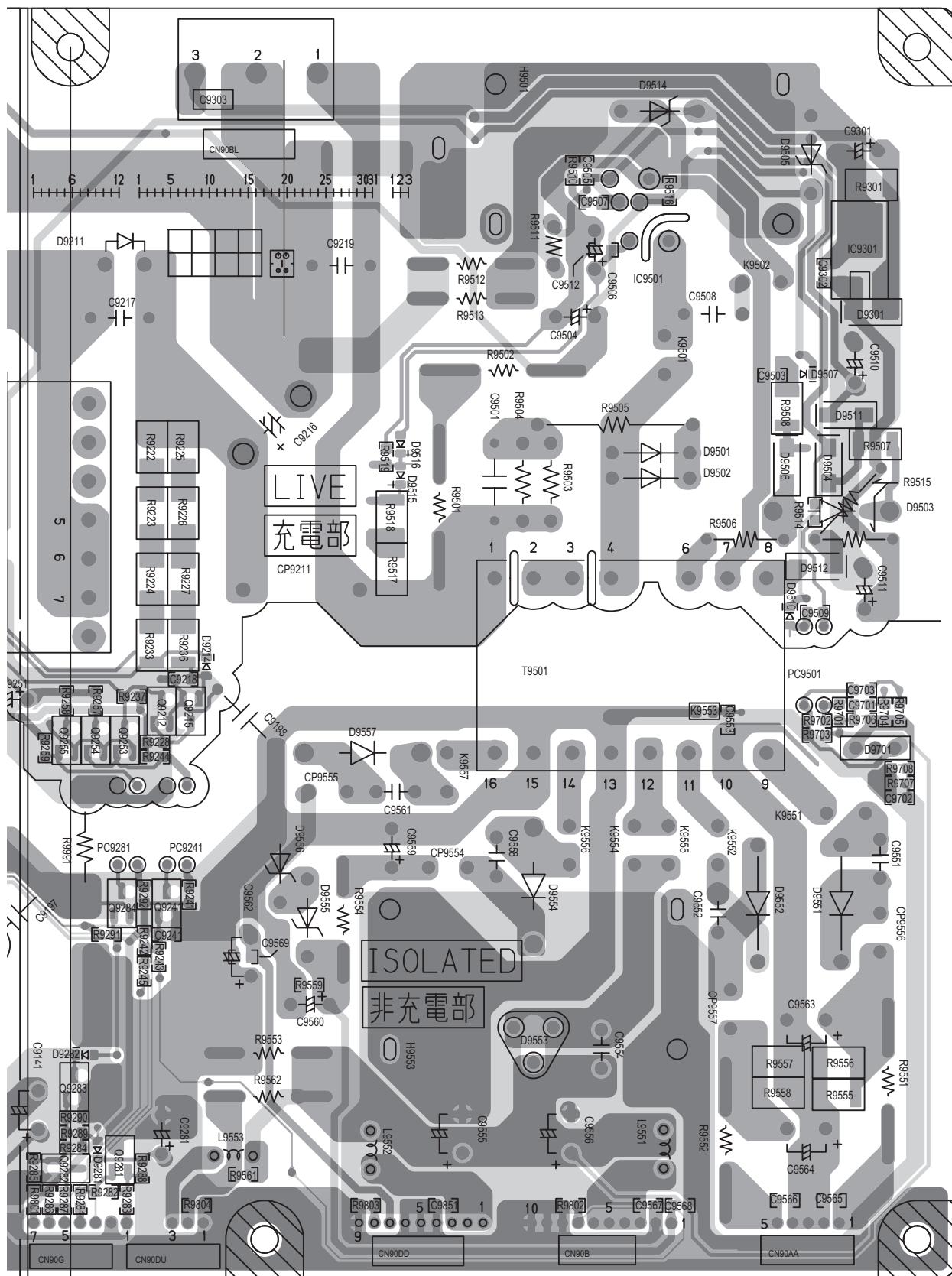












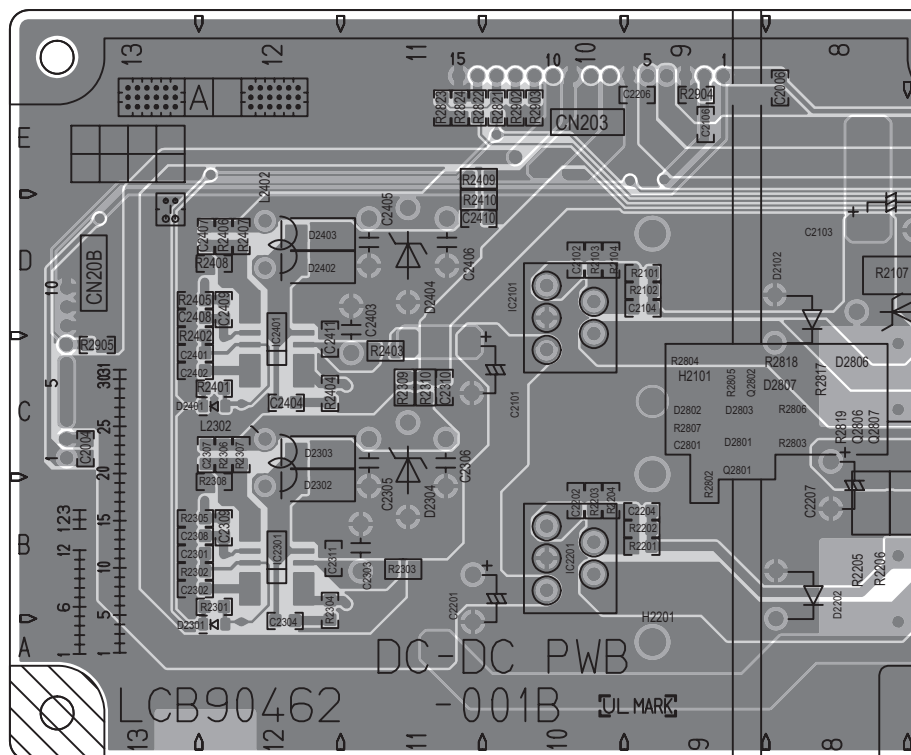




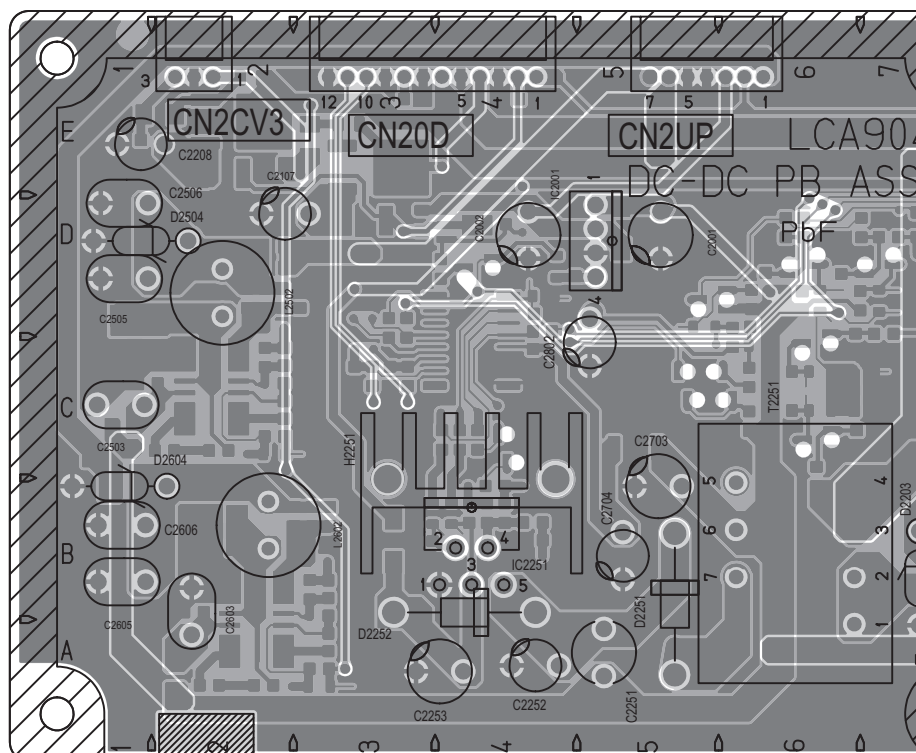


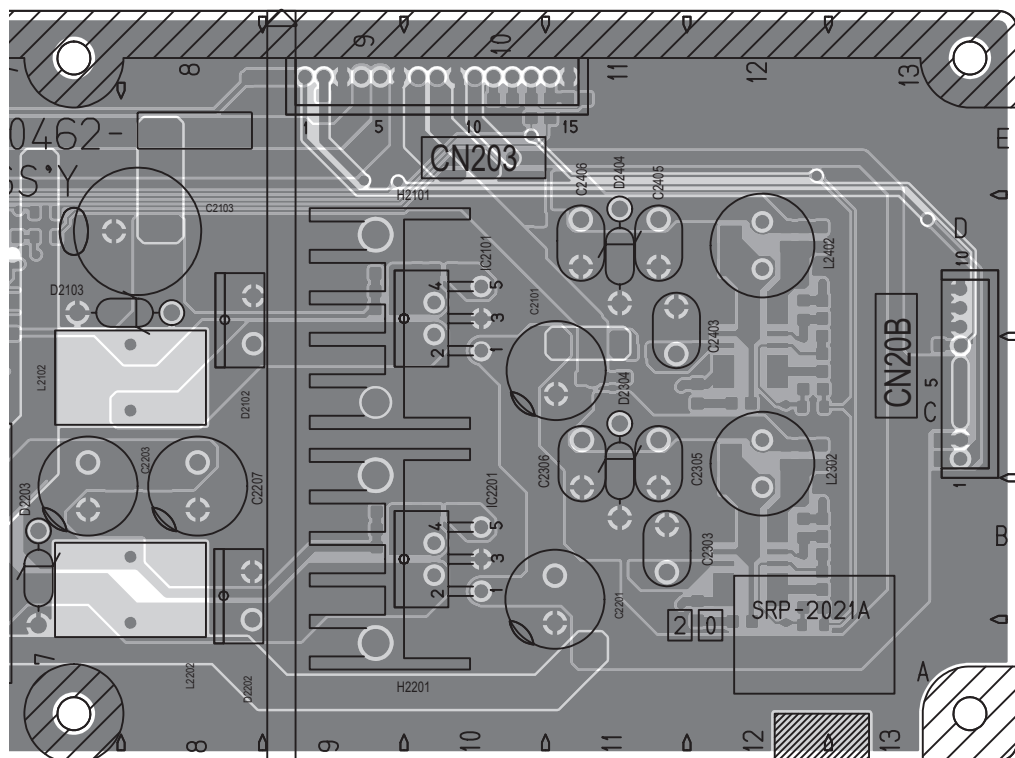
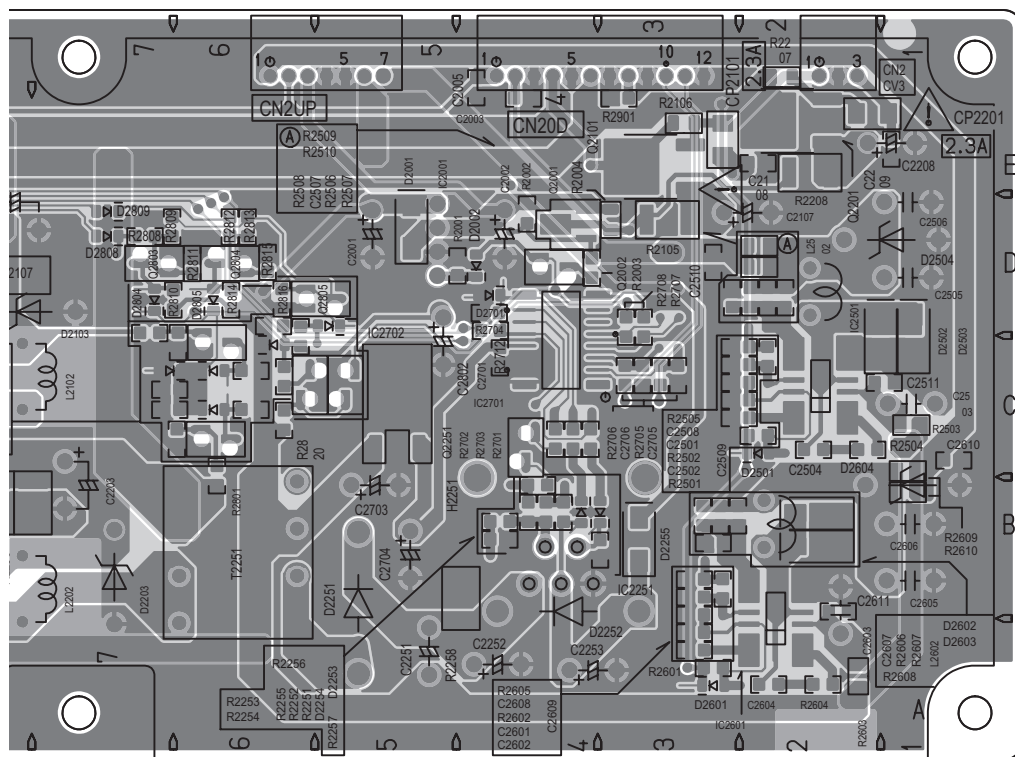
REGURATOR PWB PATTERN [SOLDER SIDE]

FRONT  

REGURATOR PWB PATTERN [PARTS SIDE]



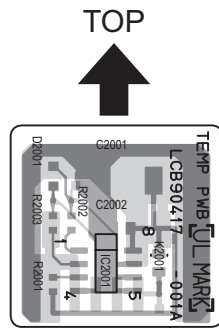


FRONT

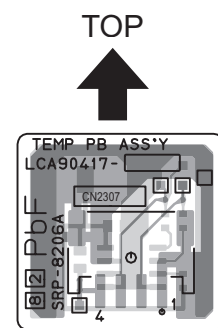




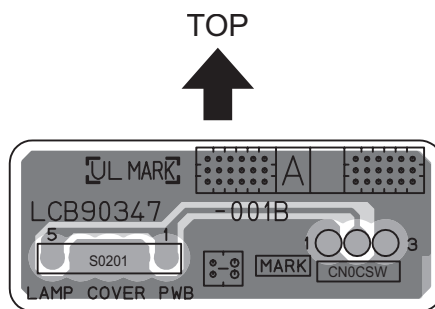
TEMP SENSOR PWB PATTERN [SOLDER SIDE]



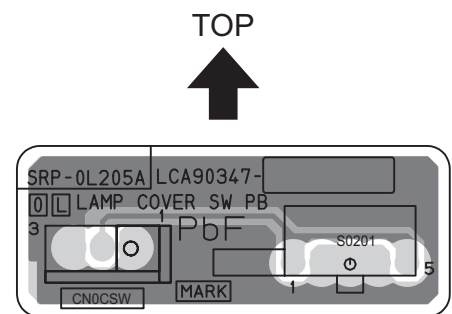
TEMP SENSOR PWB PATTERN [PARTS SIDE]



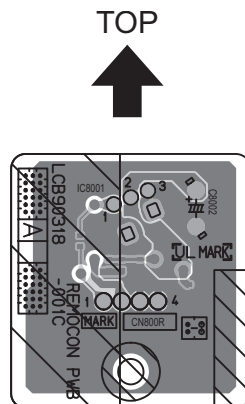
LAMP COVER SW PWB PATTERN [SOLDER SIDE]



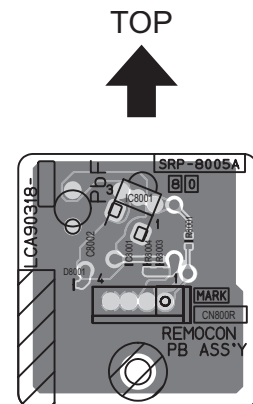
LAMP COVER SW PWB PATTERN [PARTS SIDE]



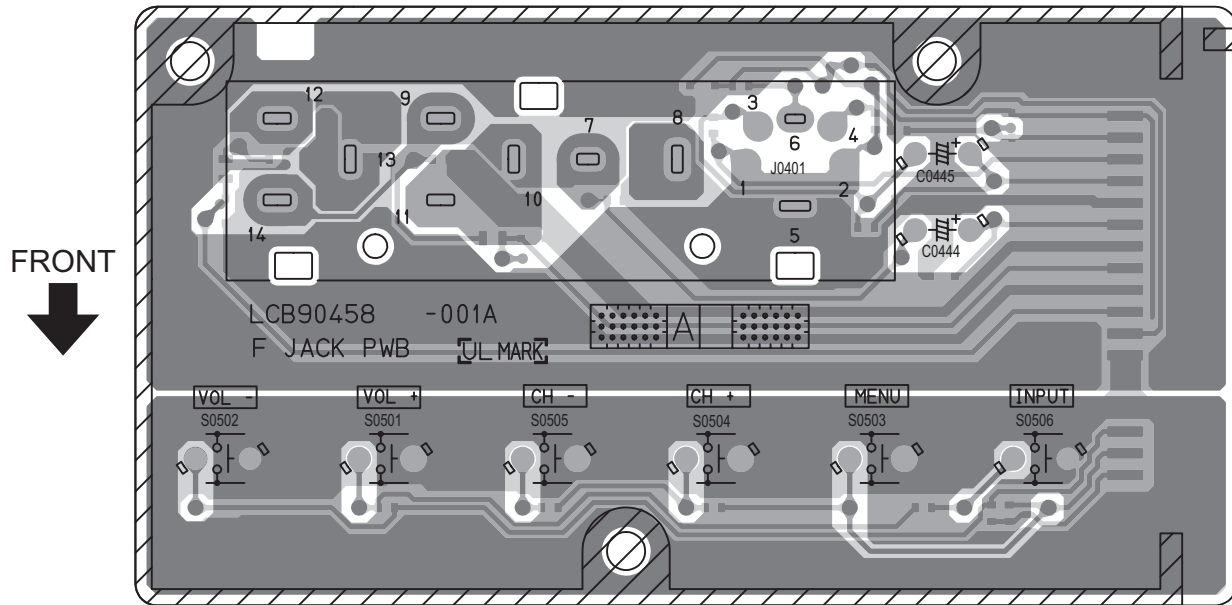
REMOTE SENSOR PWB PATTERN [SOLDER SIDE]



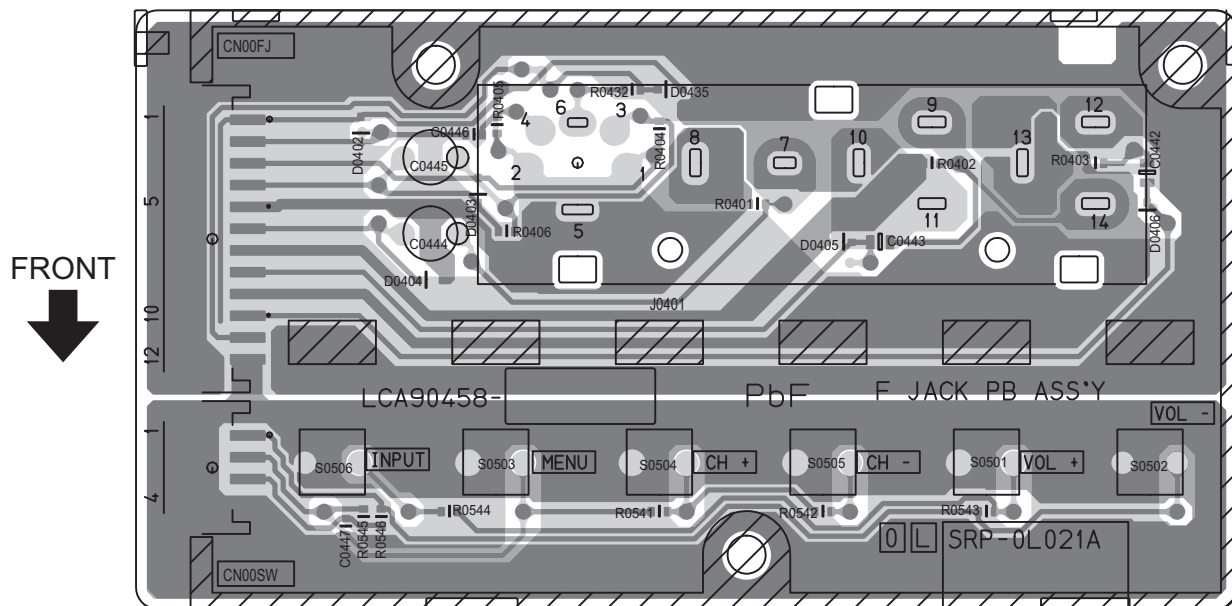
REMOTE SENSOR PWB PATTERN [PARTS SIDE]



SIDE CONTROL PWB PATTERN [SOLDER SIDE]

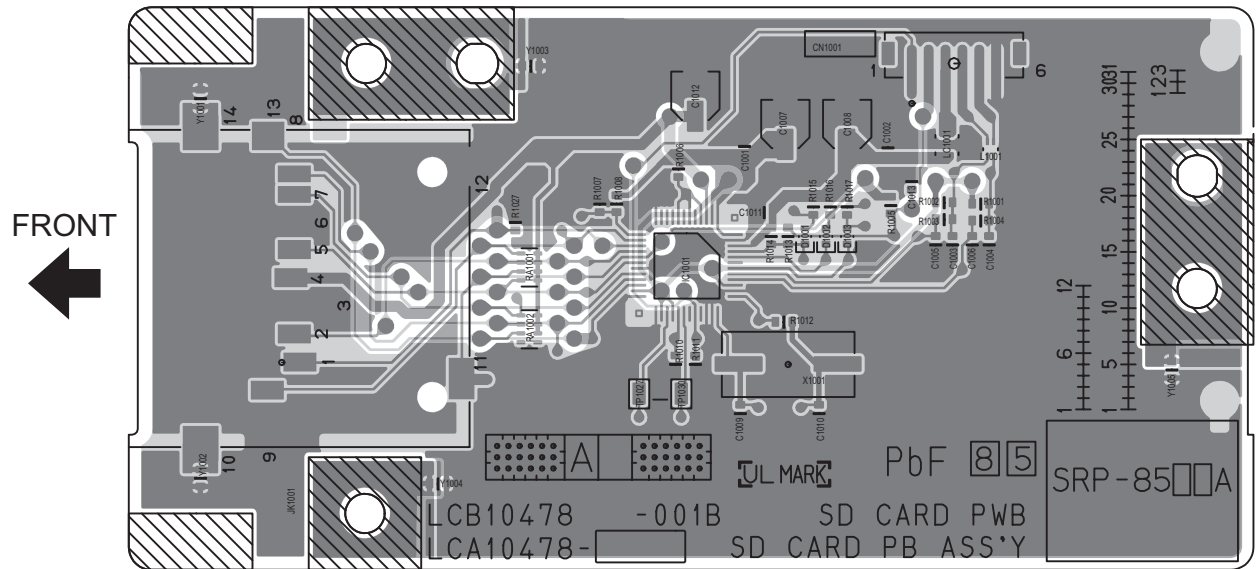


SIDE CONTROL PWB PATTERN [PARTS SIDE]

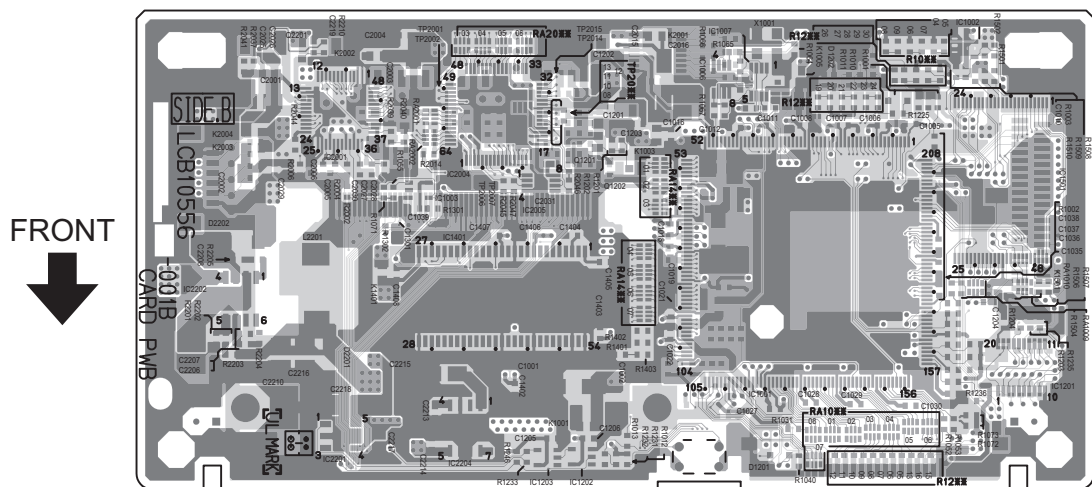




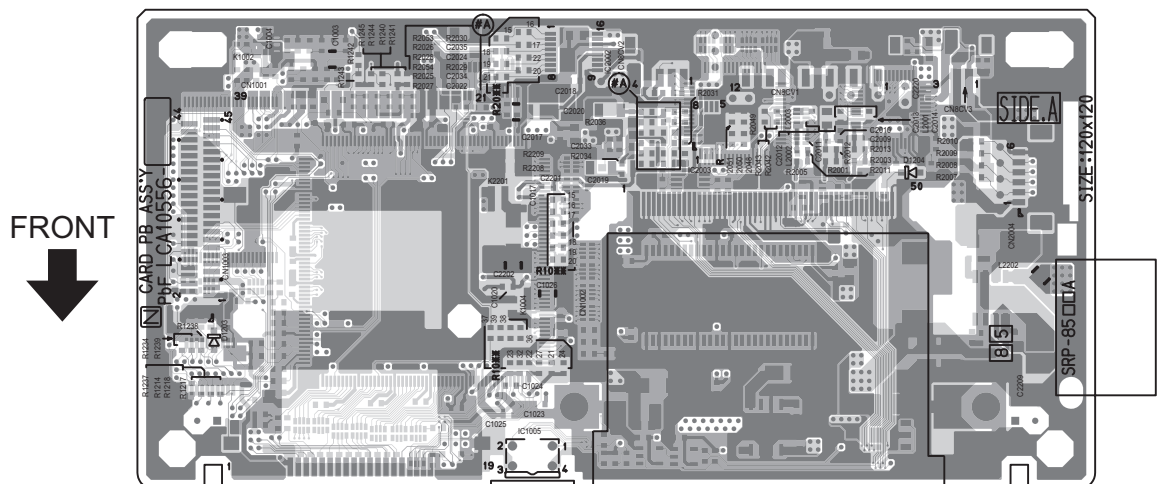
# SD CARD PWB PATTERN



## CARD VIEWER PWB PATTERN [SOLDER SIDE]



## CARD VIEWER PWB PATTERN [PARTS SIDE]





# VOLTAGE CHARTS

## <RECEIVER PWB>

### [P2-9~P2-10]

| MODE<br>PIN NO. | DC (V) |
|-----------------|--------|
| IC1140          |        |
| 1               | 4      |
| 2               | 4      |
| 3               | 4      |
| 4               | 4      |
| 5               | 4.9    |
| 6               | 4.9    |
| 7               | 0      |
| 8               | 3.9    |
| 9               | 3.9    |
| 10              | 4      |
| 11              | 3.8    |
| 12              | 3.2    |
| 13              | 4      |
| 14              | 1.2    |
| 15              | 1.3    |
| 16              | 0      |
| 17              | 0      |
| 18              | 3.2    |
| 19              | 8.8    |
| 20              | NC     |
| 21              | 4      |
| 22              | 4      |
| 23              | 4      |
| 24              | 3.8    |
| 25              | 4      |
| 26              | 3.9    |
| 27              | 4      |
| 28              | 1.9    |
| 29              | 4      |
| 30              | 4      |
| 31              | 1.8    |
| 32              | 4      |
| 33              | 4      |
| 34              | 4      |
| 35              | 4      |
| 36              | 4      |
| 37              | 4      |
| 38              | 4      |
| 39              | 3.9    |
| 40              | 3.9    |
| 41              | 1.1    |
| 42              | 4      |
| 43              | 4      |
| 44              | 4      |
| 45              | 4      |
| 46              | 4      |
| 47              | 4      |
| 48              | 4      |
| IC1221          |        |
| 1               | NC     |
| 2               | 4.9    |
| 3               | 4.9    |
| 4               | 4.9    |
| 5               | 2.8    |
| 6               | 0      |
| 7               | 4.7    |
| 8               | 0      |
| 9               | NC     |
| 10              | 0      |
| 11              | NC     |
| 12              | NC     |
| 13              | 4.8    |
| 14              | 0      |
| 15              | 0      |
| 16              | 4.8    |
| IC1251          |        |
| 1               | 4      |
| 2               | 4      |
| 3               | 4      |
| 4               | 0      |
| 5               | 4      |
| 6               | 4      |
| 7               | 4      |
| 8               | 8.8    |
| IC1252          |        |
| 1               | 4      |
| 2               | 3.9    |
| 3               | 4      |
| 4               | 4      |
| 5               | 8.8    |
| 6               | 8.8    |
| 7               | 0      |
| 8               | 4      |
| 9               | 4      |
| 10              | 3.9    |
| 11              | 8      |
| 12              | 8.8    |
| 13              | 8.8    |
| 14              | 0      |
| Q1221           |        |
| E               | 0      |
| C               | 0      |
| B               | 0.7    |

| MODE<br>PIN NO. | DC (V) |
|-----------------|--------|
| Q1252           |        |
| E               | 0      |
| C               | -2.3   |
| B               | 0      |
| Q1253           |        |
| E               | 0      |
| C               | 0      |
| B               | -2.3   |
| Q1254           |        |
| E               | 0      |
| C               | -2.3   |
| B               | 0      |
| Q1255           |        |
| E               | 0      |
| C               | 0      |
| B               | -2.3   |
| Q1256           |        |
| E               | 0      |
| C               | 8.9    |
| B               | 0      |
| Q1257           |        |
| E               | 0      |
| C               | 0      |
| B               | 3.2    |
| Q1291           |        |
| S               | 4.9    |
| G               | 3.2    |
| D               | 4.8    |
| Q1292           |        |
| S               | 4.9    |
| G               | 3.2    |
| D               | 4.8    |
| TU1001          |        |
| 1               | 1.6    |
| 2               | 10.7   |
| 3               | 4.8    |
| 4               | 5      |
| 5               | 2      |
| 6               | NC     |
| 7               | 4.8    |
| 8               | 4.8    |
| 9               | 30.6   |
| 10              | NC     |
| 11              | NC     |
| 12              | NC     |
| 13              | 4.8    |
| 14              | 1.6    |
| 15              | 0      |
| 16              | 2.1    |
| 17              | 1.6    |
| 18              | 2.4    |
| 19              | 2.2    |
| 20              | 0      |
| 21              | NC     |
| 22              | NC     |
| 23              | NC     |
| 24              | NC     |
| 25              | NC     |
| 26              | NC     |
| 27              | NC     |
| [P2-11~P2-12]   |        |
| MODE<br>PIN NO. | DC (V) |
| IC1621          |        |
| 1               | -13.5  |
| 2               | 0      |
| 3               | 0      |
| 4               | -13.7  |
| 5               | 0      |
| 6               | 0      |
| 7               | -13.7  |
| 8               | 12.9   |
| IC1641          |        |
| 1               | 4.4    |
| 2               | 0      |
| 3               | 0      |
| 4               | 4.4    |
| 5               | 4.4    |
| 6               | 4.4    |
| 7               | 0      |
| 8               | 0      |
| 9               | 0      |
| 10              | 4.7    |
| 11              | 0      |
| 12              | 8.9    |
| 13              | 4.4    |
| 14              | 4.4    |
| 15              | 4.4    |
| 16              | 4.4    |
| 17              | 4.4    |
| 18              | 4.4    |
| 19              | 4.4    |
| 20              | 4.4    |

| MODE<br>PIN NO. | DC (V) |
|-----------------|--------|
| IC1661          |        |
| 1               | -13.5  |
| 2               | -0.1   |
| 3               | -13.7  |
| 4               | -13.7  |
| 5               | 13.6   |
| 6               | 8.9    |
| 7               | 1.7    |
| 8               | -13.7  |
| 9               | -0.6   |
| 10              | -13.7  |
| 11              | 1.7    |
| 12              | 8.9    |
| 13              | 13.6   |
| 14              | -13.7  |
| 15              | -3.1   |
| 16              | -0.1   |
| 17              | -13.5  |
| IC1701          |        |
| 1               | 4.5    |
| 2               | 4.5    |
| 3               | 4.5    |
| 4               | 0      |
| 5               | 0      |
| 6               | 4.5    |
| 7               | 4.5    |
| 8               | 4.5    |
| 9               | 4.5    |
| 10              | 4.5    |
| 11              | 4.5    |
| 12              | 0      |
| 13              | 9      |
| 14              | 4.5    |
| 15              | 4.5    |
| 16              | 0      |
| 17              | 0      |
| 18              | 4.5    |
| 19              | 4.5    |
| 20              | 4.5    |
| 21              | 4.5    |
| 22              | 4.5    |
| 23              | 4.5    |
| 24              | 4.5    |
| IC1702          |        |
| 1               | 4.8    |
| 2               | 4.8    |
| 3               | 4.8    |
| 4               | 0      |
| 5               | 4.5    |
| 6               | 4.5    |
| 7               | 4.8    |
| 8               | 8.6    |
| Q1661           |        |
| E               | 13.6   |
| C               | 13.5   |
| B               | 0      |
| Q1662           |        |
| E               | -13.7  |
| C               | -13.7  |
| B               | -13    |
| Q1663           |        |
| E               | 0      |
| C               | 0      |
| B               | 1.8    |
| Q1672           |        |
| E               | 0      |
| C               | 12     |
| B               | 0      |
| Q1673           |        |
| E               | 8.7    |
| C               | 0      |
| B               | 9.1    |
| Q1701           |        |
| E               | 2.1    |
| C               | 9      |
| B               | 4.8    |
| Q1702           |        |
| E               | 0      |
| C               | 0      |
| B               | 0      |

## <ANALOG SIGNAL PWB>

### [P2-15~P2-16]

| MODE<br>PIN NO. | DC (V) |
|-----------------|--------|
| IC501           |        |
| 1               | 4      |
| 2               | 4.5    |
| 3               | 4      |
| 4               | 4.5    |
| 5               | 4.4    |
| 6               | 0.1    |
| 7               | 4.9    |
| 8               | 4.1    |
| 9               | 4.4    |
| 10              | 4.1    |
| 11              | 4.4    |
| 12              | 4.4    |
| 13              | 6.8    |
| 14              | 0      |
| 15              | 4.3    |
| 16              | 4.4    |
| 17              | 4.3    |
| 18              | 4.4    |
| 19              | 4.4    |
| 20              | 6.7    |
| 21              | 0      |
| 22              | 3.8    |
| 23              | 4.4    |
| 24              | 4      |
| 25              | 4.5    |
| 26              | 4.4    |
| 27              | 6.7    |
| 28              | 0      |
| 29              | 4.4    |
| 30              | 4      |
| 31              | 4.5    |
| 32              | 9      |
| 33              | 4.8    |
| 34              | 4.8    |
| 35              | 0      |
| 36              | 0      |
| 37              | 4.4    |
| 38              | 4.4    |
| 39              | 3.7    |
| 40              | 4.4    |
| 41              | 4.4    |
| 42              | 9      |
| 43              | 4.5    |
| 44              | 4.3    |
| 45              | 4.5    |
| 46              | 3.7    |
| 47              | 0      |
| 48              | 0      |
| 49              | 4.9    |
| 50              | 4.4    |
| 51              | 0      |
| 52              | 4.5    |
| 53              | 4.4    |
| 54              | 4.5    |
| 55              | 3.7    |
| 56              | 4      |
| 57              | 0      |
| 58              | 4.2    |
| 59              | 4.4    |
| 60              | 4      |
| 61              | 4.4    |
| 62              | 4.4    |
| 63              | 4.4    |
| 64              | 4.4    |
| IC502           |        |
| 1               | 2.2    |
| 2               | 2.1    |
| 3               | 9.2    |
| 4               | 2.3    |
| 5               | 0      |
| 6               | 9.2    |
| IC503           |        |
| 1               | 3.6    |
| 2               | 3.8    |
| 3               | 9.2    |
| 4               | 3      |
| 5               | 0      |
| 6               | 9.2    |
| IC504           |        |
| 1               | 2.2    |
| 2               | 2.1    |
| 3               | 9.2    |
| 4               | 2.3    |
| 5               | 0      |
| 6               | 9.2    |
| Q507            |        |
| E               | 2.8    |
| C               | 0      |
| B               | 2.2    |
| Q508            |        |
| E               | 3.1    |
| C               | 0      |
| B               | 2.6    |

| MODE<br>PIN NO. | DC (V) |
|-----------------|--------|
| Q509            |        |
| E               | 2.5    |
| C               | 0      |
| B               | 1.9    |
| [P2-17~P2-18]   |        |
| MODE<br>PIN NO. | DC (V) |
| IC801           |        |
| 1               | 2.3    |
| 2               | 2      |
| 3               | 1.5    |
| 4               | 0.1    |
| 5               | 2.2    |
| 6               | 4.8    |
| 7               | 2.4    |
| 8               | 0      |
| 9               | 0.3    |
| 10              | 0.8    |
| 11              | 2.3    |
| 12              | 4.8    |
| 13              | 4.8    |
| 14              | 4.8    |
| 15              | 0      |
| 16              | 0      |
| 17              | 0      |
| 18              | 0      |
| 19              | 0      |
| 20              | 2.3    |
| 21              | 1.5    |
| 22              | 1.7    |
| 23              | 1.7    |
| 24              | 0      |
| 25              | 2.4    |
| 26              | 2.4    |
| 27              | 2.4    |
| 28              | 0      |
| 29              | 0      |
| 30              | 0      |
| 31              | 0      |
| 32              | 4.8    |
| 33              | 2.4    |
| 34              | 2.4    |
| 35              | 2.4    |
| 36              | 0.5    |
| 37              | 4.8    |
| 38              | 3.8    |
| 39              | 1.6    |
| 40              | 3.2    |
| 41              | 2.2    |
| 42              | 4.4    |
| 43              | 1.6    |
| 44              | 2.2    |
| 45              | 4.8    |
| 46              | 1.8    |
| 47              | 3.6    |
| 48              | 1.7    |
| IC802           |        |
| 1               | 1.3    |
| 2               | 3      |
| 3               | 4.8    |
| 4               | 2.4    |
| 5               | 0      |
| 6               | 1.8    |
| 7               | 2.2    |
| 8               | 0      |
| 9               | 0      |
| 10              | 0      |
| 11              | 4.7    |
| 12              | 0      |
| 13              | 4.8    |
| 14              | 0      |
| 15              | 4.9    |
| 16              | 4.8    |
| 17              | 0      |
| 18              | 0      |
| 19              | 2.4    |
| 20              | 4.8    |
| 21              | 0      |
| 22              | 2.6    |
| 23              | 2.6    |
| 24              | 3.3    |
| 25              | 3.3    |
| 26              | 0      |
| 27              | 3.5    |
| 28              | 1.6    |
| IC803           |        |
| 1               | 9      |
| 2               | 0      |
| 3               | 5      |
| Q402            |        |
| S               | 3      |
| G               | 3.1    |
| D               | 4.9    |

| MODE<br>PIN NO. | DC (V) |
|-----------------|--------|
| Q403            |        |
| S               | 2.9    |
| G               | 3.1    |
| D               | 4.8    |
| Q404            |        |
| S               | 3      |
| G               | 3.2    |
| D               | 4.8    |
| Q405            |        |
| S               | 3      |
| G               | 3.2    |
| D               | 4.9    |
| Q801            |        |
| E               | 2.7    |
| C               | 0      |
| B               | 2.1    |
| Q802            |        |
| E               | 2.6    |
| C               | 0      |
| B               | 2      |
| Q810            |        |
| E               | 2      |
| C               | 0      |
| B               | 1.4    |
| Q851            |        |
| E               | 1.6    |
| C               | 0      |
| B               | 1      |
| Q853            |        |
| E               | 2      |
| C               | 8.9    |
| B               | 2.6    |
| Q854            |        |
| E               | 2.6    |
| C               | 8.9    |
| B               | 3.3    |
| Q855            |        |
| E               | 1.9    |
| C               | 0      |
| B               | 1.3    |
| Q858            |        |
| E               | 2.9    |
| C               | 9      |
| B               | 3.5    |
| Q859            |        |
| E               | 3.5    |
| C               | 0      |
| B               | 2.9    |
| Q862            |        |
| E               | 0.9    |
| C               | 3.9    |
| B               | 1.5    |
| Q863            |        |
| E               | 3.2    |
| C               | 4.8    |
| B               | 3.9    |
| [P2-19~P2-20]   |        |
| MODE<br>PIN NO. | DC (V) |
| IC201           |        |
| 1               | 0.3    |
| 2               | 0.1    |
| 3               | 0      |
| 4               | 0      |
| 5               | 0      |
| 6               | 0      |
| 7               | 6.2    |
| 8               | 0      |
| 9               | 4.8    |
| 10              | 0      |
| 11              | 8.8    |
| 12              | 1.3    |
| 13              | 0      |
| 14              | 0      |
| 15              | 0      |
| 16              | 0      |
| 17              | 0      |
| 18              | 0      |
| 19              | 0.5    |
| 20              | 0      |
| 21              | 4.9    |
| 22              | 4.9    |
| 23              | 0      |
| 24              | 2.1    |
| 25              | 1.2    |
| 26              | 2.1    |
| 27              | 0      |
| 28              | 2.4    |
| 29              | 0.1    |
| 30              | 0.5    |
| IC202           |        |
| 1               | 0.5    |
| 2               | 0.5    |
| 3               | 0      |
| 4               | 0.2    |
| 5               | 0      |

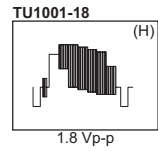
| MODE<br>PIN NO. | DC (V) |
|-----------------|--------|
| IC301           |        |
| 1               | 4.8    |
| 2               | 4.9    |
| 3               | 4.9    |
| 4               | 0      |
| 5               | 4.7    |
| 6               | 0      |
| 7               | 4.6    |
| 8               | 4.7    |
| 9               | 4.7    |
| 10              | 0.4    |
| 11              | 4.5    |
| 12              | 4.4    |
| 13              | 0      |
| 14              | 4.6    |
| 15              | 0      |
| 16              | 4.7    |
| 17              | 4.7    |
| 18              | 4.7    |
| 19              | 0      |
| 20              | 4.5    |
| 21              | 4.4    |
| 22              | 0      |
| 23              | 4.4    |
| 24              | 4.5    |
| 25              | 0      |
| 26              | 4.4    |
| 27              | 4.4    |
| 28              | 0      |
| 29              | 0      |
| 30              | 4.4    |
| 31              | 9      |
| 32              | 4.5    |
| 33              | 4.5    |
| 34              | 0      |
| 35              | 4.5    |
| 36              | 4.5    |
| 37              | 0      |
| 38              | 4.5    |
| 39              | 4.5    |
| 40              | 4.5    |
| 41              | 4.5    |
| 42              | 0      |
| 43              | 4.5    |
| 44              | 4.5    |
| 45              | 0      |
| 46              | 4.5    |
| 47              | 8.9    |
| 48              | 4.7    |
| 49              | 0      |
| 50              | 4.7    |
| 51              | 0      |
| 52              | 4.7    |
| 53              | 0      |
| 54              | 4.4    |
| 55              | 4.4    |
| 56              | 0      |
| 57              | 4.6    |
| 58              | 0      |
| 59              | 4.7    |
| 60              | 0      |
| 61              | 4.7    |
| 62              | 0.4    |
| 63              | 4.4    |
| 64              | 4.5    |
| 65              | 0      |
| 66              | 4.6    |
| 67              | 4.7    |
| 68              | 4.6    |
| 69              | 0      |
| 70              | 4.4    |
| 71              | 4.3    |
| 72              | 0      |
| 73              | 4.8    |
| 74              | 4.7    |
| 75              | 4.6    |
| 76              | 4.6    |
| 77              | 0      |
| 78              | 4.4    |
| 79              | 4.5    |
| 80              | 0      |
| Q301            |        |
| E               | 0      |
| C               | 2.9    |
| B               | 4.5    |
| Q302            |        |
| E               | 0      |
| C               | 2.9    |
| B               | 4.5    |
| Q303            |        |
| E               | 0      |
| C               | 2.9    |
| B               | 4.5    |
| Q304            |        |
| E               | 0      |
| C               | 2.9    |
| B               | 4.5    |

| MODE<br>PIN NO.                  | DC (V) |
|----------------------------------|--------|
| Q305                             |        |
| E                                |        |
| C                                | 2.     |
| B                                | 4.     |
| Q306                             |        |
| E                                |        |
| C                                | 2.     |
| B                                | 4.     |
| Q307                             |        |
| E                                | 2.     |
| C                                |        |
| B                                | 2.     |
| [P2-23 ~ P2-24]                  |        |
| MODE<br>PIN NO.                  | DC (V) |
| IC902                            |        |
| 1                                | 4.     |
| 2                                | 3.     |
| 3                                |        |
| Q901                             |        |
| E                                | 9.     |
| C                                |        |
| B                                |        |
| <DIGITAL SIGNAL<br>[P2-25 ~ 26]> |        |
| MODE<br>PIN NO.                  | DC (V) |
| IC1502                           |        |
| 1                                | 4.     |
| 2                                |        |
| 3                                | 3.     |
| 4                                |        |
| 5                                |        |
| 6                                | 7.     |
| 8                                | 3.     |
| [P2-27 ~ P2-28]                  |        |
| MODE<br>PIN NO.                  | DC (V) |
| IC0401                           |        |
| 1                                | 3.     |
| 2                                |        |
| 3                                |        |
| 4                                | 3.     |
| 5                                | 3.     |
| Q101                             |        |
| E                                | 3.     |
| C                                | 7.     |
| B                                | 4.     |
| Q102                             |        |
| E                                | 8.     |
| C                                | 4.     |
| B                                | 7.     |
| Q104                             |        |
| E                                | 5.     |
| C                                |        |
| B                                | 4.     |
| Q107                             |        |
| E                                | 1.     |
| C                                |        |
| B                                | 0.     |
| Q108                             |        |
| E                                | 0.     |
| C                                |        |
| B                                | 1.     |
| Q109                             |        |
| 1                                | 1.     |
| 2                                | 0.     |
| 3                                | 1.     |
| 4                                | 1.     |
| 5                                | 0.     |
| 6                                | 1.     |
| Q110                             |        |
| 1                                |        |
| 2                                | 0.     |
| 3                                | 0.     |
| 4                                | 0.     |
| 5                                | 0.     |
| 6                                | 0.     |
| Q201                             |        |
| E                                | 3.     |
| C                                | 7.     |
| B                                | 4.     |
| Q202                             |        |
| E                                | 8.     |
| C                                | 4.     |
| B                                | 7.     |
| Q203                             |        |
| E                                | 1.     |
| C                                |        |
| B                                |        |

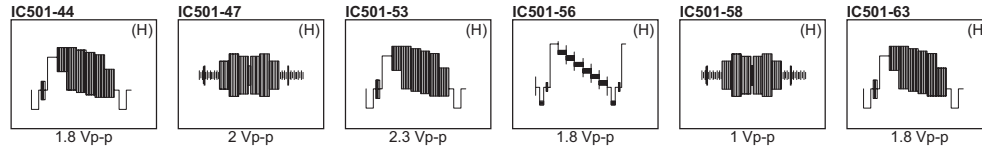
(No.YA247)2-106

# WAVEFORMS

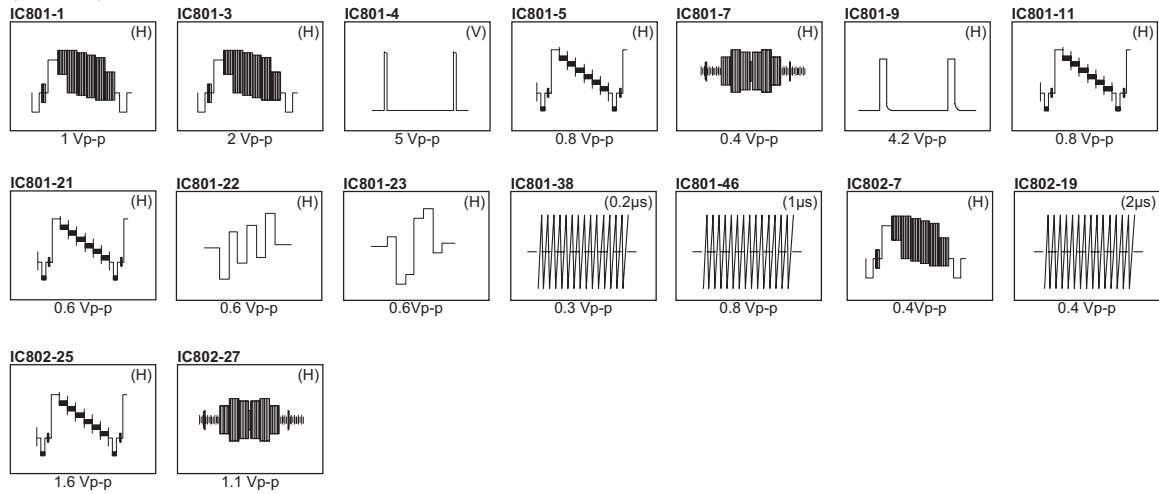
RECEIVER PWB(1/2)  
(SHEET1) P2-9,P2-10



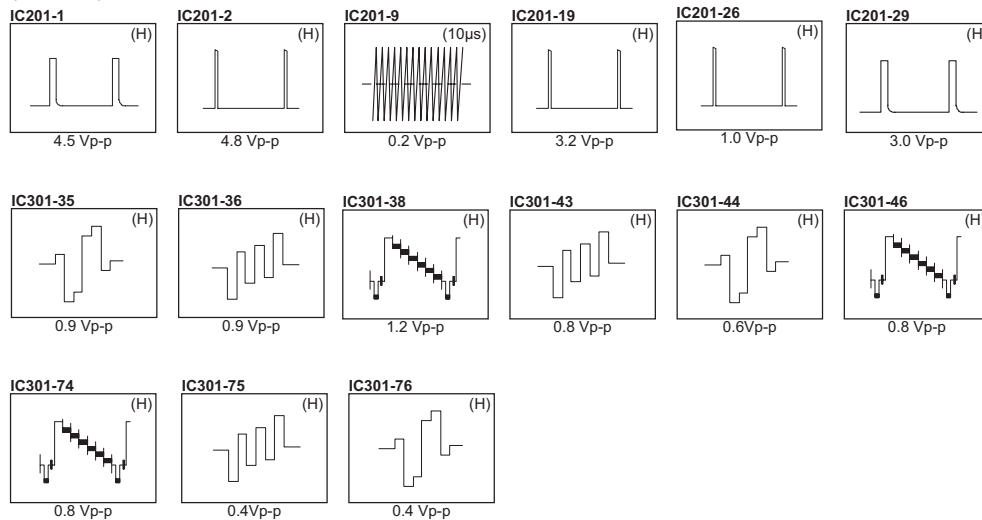
ANALOG SIGNAL PWB(1/5)  
(SHEET4) P2-15,P2-16



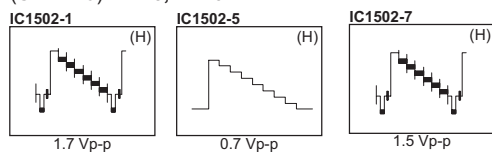
ANALOG SIGNAL PWB(2/5)  
(SHEET5) P2-17,P2-18



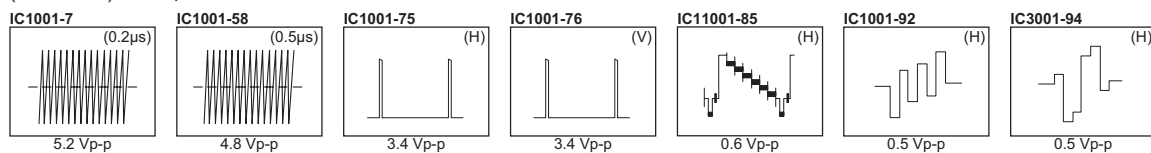
ANALOG SIGNAL PWB(3/5)  
(SHEET6) P2-19,P2-20



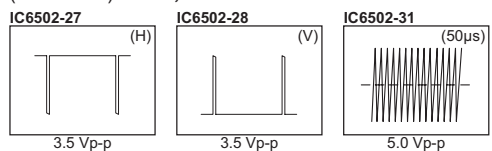
**DIGITAL SIGNAL PWB(1/11)**  
(SHEET9) P2-25,P2-26



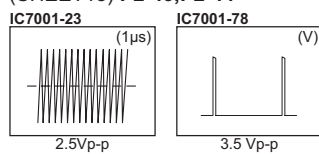
**DIGITAL SIGNAL PWB(3/11)**  
(SHEET11) P2-29,P2-30



**DIGITAL SIGNAL PWB(7/11)**  
(SHEET15) P2-37,P2-38



**DIGITAL SIGNAL PWB(10/11)**  
(SHEET18) P2-43,P2-44





Victor Company of Japan, Limited  
AV & MULTIMEDIA COMPANY VIDEO DISPLAY CATEGORY 12, 3-chome, Moriya-cho, kanagawa-ku, Yokohama, kanagawa-prefecture, 221-8528, Japan

(No.YA247)



Printed in Japan  
VPT